

```
*****
IDIS Conformance test report
14-SEP-2023 09:15:35
iCTT2 Package 2, Edition 2.0, Revision 1 (136)
Licensed to: DNV-GL IDIS Conf
Tester: Tom Levels
*****
```

```
*****
* Identification *
*****
```

```
Manufacturer = {
  Name = '\Shenzhen Kaifa Technology (Chengdu) Co., Ltd.'
  ThreeLettersId = '\KFM'
}
DeviceUnderTest = {
  Type = '\MA309M'
  IDISDeviceType = 103
  IDISFunctionType = [EXTENSION_D]
  SerialNr = 99000059
  IPVersion = IPV6
  DataLinkLayer = G3
  ConsumerInformationPush = FALSE
  EUI64Address = '10E77AFFFE98C550'
}
```

```
Active firmware identifier (1-0:0.2.0.255) = \100001
Active firmware identifier 1 (1-1:0.2.0.255) = \110014
Active firmware identifier 2 (1-2:0.2.0.255) = \096011
```

```
*****
* Summary *
*****
```

```
PASSED                1222
FAILED                 0
DISABLED               0
INAPPLICABLE          619
INCONCLUSIVE          0
FATAL                  0
TOTAL                  1841
```

```
*****
Test Case 1 : Connect and release, 4 item(s)
*****
```

```
(1) Connect Public
PASSED
(2) Release Public
PASSED
(3) Connect Management
PASSED
(4) Release Management
PASSED
```

\*\*\*\*\*  
Test Case 2 : Get public object-list, 1 item(s)  
\*\*\*\*\*

Public Get Current association 0-0:40.0.0.255 (@9)  
(1) .object\_list

PASSED

	@42	0-0:42.0.0.255 1	COSEM logical device name
	@37	0-0:43.1.0.255 1	Security - Receive frame counter -
unicast key	@33	0-0:43.1.1.255 1	Security - Receive frame counter -
broadcast key	@	0-0:43.1.2.255 1	
	@	0-0:43.1.3.255 1	
	@	0-0:43.1.4.255 1	
	@46	0-0:96.1.0.255 1	Device ID 1, manufacturing number
	@50	0-0:96.1.1.255 1	Device ID 2
	@54	0-0:96.1.2.255 1	Device ID 3
	@58	0-0:96.1.3.255 1	Device ID 4
	@62	0-0:96.1.4.255 1	Device ID 5
	@	0-0:96.1.128.255 1	
	@	0-0:96.1.129.255 1	
	@347	0-0:96.13.0.255 1	Consumer Message Text - Consumer
Information	@412	1-0:0.2.0.255 1	Active firmware identifier
	@416	1-0:0.2.8.255 1	Active firmware signature
	@	1-0:0.3.128.255 1	
	@	1-0:0.3.129.255 1	
	@	1-0:128.128.3.255 1	
	@420	1-1:0.2.0.255 1	Active firmware identifier 1
	@424	1-1:0.2.8.255 1	Active firmware signature 1
	@	1-1:94.14.100.255 1	
	@428	1-2:0.2.0.255 1	Active firmware identifier 2
	@432	1-2:0.2.8.255 1	Active firmware signature 2
	@	1-4:0.128.0.255 1	
phase	@1187	0-0:96.7.19.255 3	Duration of last long power failure in any
	@1181	0-0:96.7.20.255 3	Time threshold for long power failure
	@	0-0:96.7.128.255 3	
	@	0-0:96.9.0.255 3	
	@	1-0:0.6.1.255 3	
	@	1-0:0.6.2.255 3	
	@	1-0:0.6.3.255 3	
	@94	1-0:0.9.11.255 3	Clock Time Shift Limit
	@1462	1-0:1.7.0.255 3	Instantaneous active import power (+A)
	@	1-0:1.8.0.101 3	
	@	1-0:1.8.0.102 3	
	@	1-0:1.8.0.103 3	
	@	1-0:1.8.0.104 3	
	@	1-0:1.8.0.105 3	
	@	1-0:1.8.0.106 3	
	@	1-0:1.8.0.107 3	
	@	1-0:1.8.0.108 3	

@ 1-0:1.8.0.109|3  
@ 1-0:1.8.0.110|3  
@ 1-0:1.8.0.111|3  
@ 1-0:1.8.0.112|3  
@437 1-0:1.8.0.255|3  
@ 1-0:1.8.1.101|3  
@ 1-0:1.8.1.102|3  
@ 1-0:1.8.1.103|3  
@ 1-0:1.8.1.104|3  
@ 1-0:1.8.1.105|3  
@ 1-0:1.8.1.106|3  
@ 1-0:1.8.1.107|3  
@ 1-0:1.8.1.108|3  
@ 1-0:1.8.1.109|3  
@ 1-0:1.8.1.110|3  
@ 1-0:1.8.1.111|3  
@ 1-0:1.8.1.112|3  
@510 1-0:1.8.1.255|3  
@ 1-0:1.8.2.101|3  
@ 1-0:1.8.2.102|3  
@ 1-0:1.8.2.103|3  
@ 1-0:1.8.2.104|3  
@ 1-0:1.8.2.105|3  
@ 1-0:1.8.2.106|3  
@ 1-0:1.8.2.107|3  
@ 1-0:1.8.2.108|3  
@ 1-0:1.8.2.109|3  
@ 1-0:1.8.2.110|3  
@ 1-0:1.8.2.111|3  
@ 1-0:1.8.2.112|3  
@516 1-0:1.8.2.255|3  
@ 1-0:1.8.3.101|3  
@ 1-0:1.8.3.102|3  
@ 1-0:1.8.3.103|3  
@ 1-0:1.8.3.104|3  
@ 1-0:1.8.3.105|3  
@ 1-0:1.8.3.106|3  
@ 1-0:1.8.3.107|3  
@ 1-0:1.8.3.108|3  
@ 1-0:1.8.3.109|3  
@ 1-0:1.8.3.110|3  
@ 1-0:1.8.3.111|3  
@ 1-0:1.8.3.112|3  
@522 1-0:1.8.3.255|3  
@ 1-0:1.8.4.101|3  
@ 1-0:1.8.4.102|3  
@ 1-0:1.8.4.103|3  
@ 1-0:1.8.4.104|3  
@ 1-0:1.8.4.105|3  
@ 1-0:1.8.4.106|3  
@ 1-0:1.8.4.107|3  
@ 1-0:1.8.4.108|3  
@ 1-0:1.8.4.109|3  
@ 1-0:1.8.4.110|3

Active energy import (+A)

Active energy import (+A) rate 1

Active energy import (+A) rate 2

Active energy import (+A) rate 3

@ 1-0:1.8.4.111|3  
@ 1-0:1.8.4.112|3  
@528 1-0:1.8.4.255|3  
@ 1-0:1.9.0.101|3  
@ 1-0:1.9.0.102|3  
@ 1-0:1.9.0.103|3  
@ 1-0:1.9.0.104|3  
@ 1-0:1.9.0.105|3  
@ 1-0:1.9.0.106|3  
@ 1-0:1.9.0.107|3  
@ 1-0:1.9.0.108|3  
@ 1-0:1.9.0.109|3  
@ 1-0:1.9.0.110|3  
@ 1-0:1.9.0.111|3  
@ 1-0:1.9.0.112|3  
@ 1-0:1.9.0.255|3  
@ 1-0:1.9.1.101|3  
@ 1-0:1.9.1.102|3  
@ 1-0:1.9.1.103|3  
@ 1-0:1.9.1.104|3  
@ 1-0:1.9.1.105|3  
@ 1-0:1.9.1.106|3  
@ 1-0:1.9.1.107|3  
@ 1-0:1.9.1.108|3  
@ 1-0:1.9.1.109|3  
@ 1-0:1.9.1.110|3  
@ 1-0:1.9.1.111|3  
@ 1-0:1.9.1.112|3  
@ 1-0:1.9.1.255|3  
@ 1-0:1.9.2.101|3  
@ 1-0:1.9.2.102|3  
@ 1-0:1.9.2.103|3  
@ 1-0:1.9.2.104|3  
@ 1-0:1.9.2.105|3  
@ 1-0:1.9.2.106|3  
@ 1-0:1.9.2.107|3  
@ 1-0:1.9.2.108|3  
@ 1-0:1.9.2.109|3  
@ 1-0:1.9.2.110|3  
@ 1-0:1.9.2.111|3  
@ 1-0:1.9.2.112|3  
@ 1-0:1.9.2.255|3  
@ 1-0:1.9.3.101|3  
@ 1-0:1.9.3.102|3  
@ 1-0:1.9.3.103|3  
@ 1-0:1.9.3.104|3  
@ 1-0:1.9.3.105|3  
@ 1-0:1.9.3.106|3  
@ 1-0:1.9.3.107|3  
@ 1-0:1.9.3.108|3  
@ 1-0:1.9.3.109|3  
@ 1-0:1.9.3.110|3  
@ 1-0:1.9.3.111|3  
@ 1-0:1.9.3.112|3

Active energy import (+A) rate 4

@	1-0:1.9.3.255 3
@	1-0:1.9.4.101 3
@	1-0:1.9.4.102 3
@	1-0:1.9.4.103 3
@	1-0:1.9.4.104 3
@	1-0:1.9.4.105 3
@	1-0:1.9.4.106 3
@	1-0:1.9.4.107 3
@	1-0:1.9.4.108 3
@	1-0:1.9.4.109 3
@	1-0:1.9.4.110 3
@	1-0:1.9.4.111 3
@	1-0:1.9.4.112 3
@	1-0:1.9.4.255 3
@	1-0:1.25.0.255 3
@	1-0:1.29.0.255 3
@1468	1-0:2.7.0.255 3
@	1-0:2.8.0.101 3
@	1-0:2.8.0.102 3
@	1-0:2.8.0.103 3
@	1-0:2.8.0.104 3
@	1-0:2.8.0.105 3
@	1-0:2.8.0.106 3
@	1-0:2.8.0.107 3
@	1-0:2.8.0.108 3
@	1-0:2.8.0.109 3
@	1-0:2.8.0.110 3
@	1-0:2.8.0.111 3
@	1-0:2.8.0.112 3
@443	1-0:2.8.0.255 3
@	1-0:2.8.1.101 3
@	1-0:2.8.1.102 3
@	1-0:2.8.1.103 3
@	1-0:2.8.1.104 3
@	1-0:2.8.1.105 3
@	1-0:2.8.1.106 3
@	1-0:2.8.1.107 3
@	1-0:2.8.1.108 3
@	1-0:2.8.1.109 3
@	1-0:2.8.1.110 3
@	1-0:2.8.1.111 3
@	1-0:2.8.1.112 3
@534	1-0:2.8.1.255 3
@	1-0:2.8.2.101 3
@	1-0:2.8.2.102 3
@	1-0:2.8.2.103 3
@	1-0:2.8.2.104 3
@	1-0:2.8.2.105 3
@	1-0:2.8.2.106 3
@	1-0:2.8.2.107 3
@	1-0:2.8.2.108 3
@	1-0:2.8.2.109 3
@	1-0:2.8.2.110 3
@	1-0:2.8.2.111 3

Instantaneous active export power (-A)

Active energy export (-A)

Active energy export (-A) rate 1

@	1-0:2.8.2.112 3	
@540	1-0:2.8.2.255 3	Active energy export (-A) rate 2
@	1-0:2.8.3.101 3	
@	1-0:2.8.3.102 3	
@	1-0:2.8.3.103 3	
@	1-0:2.8.3.104 3	
@	1-0:2.8.3.105 3	
@	1-0:2.8.3.106 3	
@	1-0:2.8.3.107 3	
@	1-0:2.8.3.108 3	
@	1-0:2.8.3.109 3	
@	1-0:2.8.3.110 3	
@	1-0:2.8.3.111 3	
@	1-0:2.8.3.112 3	
@546	1-0:2.8.3.255 3	Active energy export (-A) rate 3
@	1-0:2.8.4.101 3	
@	1-0:2.8.4.102 3	
@	1-0:2.8.4.103 3	
@	1-0:2.8.4.104 3	
@	1-0:2.8.4.105 3	
@	1-0:2.8.4.106 3	
@	1-0:2.8.4.107 3	
@	1-0:2.8.4.108 3	
@	1-0:2.8.4.109 3	
@	1-0:2.8.4.110 3	
@	1-0:2.8.4.111 3	
@	1-0:2.8.4.112 3	
@552	1-0:2.8.4.255 3	Active energy export (-A) rate 4
@	1-0:2.9.0.101 3	
@	1-0:2.9.0.102 3	
@	1-0:2.9.0.103 3	
@	1-0:2.9.0.104 3	
@	1-0:2.9.0.105 3	
@	1-0:2.9.0.106 3	
@	1-0:2.9.0.107 3	
@	1-0:2.9.0.108 3	
@	1-0:2.9.0.109 3	
@	1-0:2.9.0.110 3	
@	1-0:2.9.0.111 3	
@	1-0:2.9.0.112 3	
@	1-0:2.9.0.255 3	
@	1-0:2.9.1.101 3	
@	1-0:2.9.1.102 3	
@	1-0:2.9.1.103 3	
@	1-0:2.9.1.104 3	
@	1-0:2.9.1.105 3	
@	1-0:2.9.1.106 3	
@	1-0:2.9.1.107 3	
@	1-0:2.9.1.108 3	
@	1-0:2.9.1.109 3	
@	1-0:2.9.1.110 3	
@	1-0:2.9.1.111 3	
@	1-0:2.9.1.112 3	
@	1-0:2.9.1.255 3	

@ 1-0:2.9.2.101|3  
 @ 1-0:2.9.2.102|3  
 @ 1-0:2.9.2.103|3  
 @ 1-0:2.9.2.104|3  
 @ 1-0:2.9.2.105|3  
 @ 1-0:2.9.2.106|3  
 @ 1-0:2.9.2.107|3  
 @ 1-0:2.9.2.108|3  
 @ 1-0:2.9.2.109|3  
 @ 1-0:2.9.2.110|3  
 @ 1-0:2.9.2.111|3  
 @ 1-0:2.9.2.112|3  
 @ 1-0:2.9.2.255|3  
 @ 1-0:2.9.3.101|3  
 @ 1-0:2.9.3.102|3  
 @ 1-0:2.9.3.103|3  
 @ 1-0:2.9.3.104|3  
 @ 1-0:2.9.3.105|3  
 @ 1-0:2.9.3.106|3  
 @ 1-0:2.9.3.107|3  
 @ 1-0:2.9.3.108|3  
 @ 1-0:2.9.3.109|3  
 @ 1-0:2.9.3.110|3  
 @ 1-0:2.9.3.111|3  
 @ 1-0:2.9.3.112|3  
 @ 1-0:2.9.3.255|3  
 @ 1-0:2.9.4.101|3  
 @ 1-0:2.9.4.102|3  
 @ 1-0:2.9.4.103|3  
 @ 1-0:2.9.4.104|3  
 @ 1-0:2.9.4.105|3  
 @ 1-0:2.9.4.106|3  
 @ 1-0:2.9.4.107|3  
 @ 1-0:2.9.4.108|3  
 @ 1-0:2.9.4.109|3  
 @ 1-0:2.9.4.110|3  
 @ 1-0:2.9.4.111|3  
 @ 1-0:2.9.4.112|3  
 @ 1-0:2.9.4.255|3  
 @ 1-0:2.25.0.255|3  
 @ 1-0:2.29.0.255|3  
 @1474 1-0:3.7.0.255|3  
 @485 1-0:3.8.0.255|3  
 @558 1-0:3.8.1.255|3  
 @564 1-0:3.8.2.255|3  
 @570 1-0:3.8.3.255|3  
 @576 1-0:3.8.4.255|3  
 @ 1-0:3.9.0.255|3  
 @ 1-0:3.9.1.255|3  
 @ 1-0:3.9.2.255|3  
 @ 1-0:3.9.3.255|3  
 @ 1-0:3.9.4.255|3  
 @ 1-0:3.25.0.255|3  
 @ 1-0:3.29.0.255|3

Instantaneous reactive import power (+R)  
 Reactive energy import (+R) (QI+QII)  
 Reactive energy (+R) rate 1  
 Reactive energy (+R) rate 2  
 Reactive energy (+R) rate 3  
 Reactive energy (+R) rate 4

@1480	1-0:4.7.0.255 3	Instantaneous reactive export power (-R)
@491	1-0:4.8.0.255 3	Reactive energy export (-R) (QIII+QIV)
@582	1-0:4.8.1.255 3	Reactive energy (-R) rate 1
@588	1-0:4.8.2.255 3	Reactive energy (-R) rate 2
@594	1-0:4.8.3.255 3	Reactive energy (-R) rate 3
@600	1-0:4.8.4.255 3	Reactive energy (-R) rate 4
@	1-0:4.9.0.255 3	
@	1-0:4.9.1.255 3	
@	1-0:4.9.2.255 3	
@	1-0:4.9.3.255 3	
@	1-0:4.9.4.255 3	
@	1-0:4.25.0.255 3	
@	1-0:4.29.0.255 3	
@	1-0:5.7.0.255 3	
@	1-0:5.8.0.101 3	
@	1-0:5.8.0.102 3	
@	1-0:5.8.0.103 3	
@	1-0:5.8.0.104 3	
@	1-0:5.8.0.105 3	
@	1-0:5.8.0.106 3	
@	1-0:5.8.0.107 3	
@	1-0:5.8.0.108 3	
@	1-0:5.8.0.109 3	
@	1-0:5.8.0.110 3	
@	1-0:5.8.0.111 3	
@	1-0:5.8.0.112 3	
@461	1-0:5.8.0.255 3	Reactive energy QI (+Ri)
@	1-0:5.8.1.101 3	
@	1-0:5.8.1.102 3	
@	1-0:5.8.1.103 3	
@	1-0:5.8.1.104 3	
@	1-0:5.8.1.105 3	
@	1-0:5.8.1.106 3	
@	1-0:5.8.1.107 3	
@	1-0:5.8.1.108 3	
@	1-0:5.8.1.109 3	
@	1-0:5.8.1.110 3	
@	1-0:5.8.1.111 3	
@	1-0:5.8.1.112 3	
@606	1-0:5.8.1.255 3	Reactive energy (QI) rate 1
@	1-0:5.8.2.101 3	
@	1-0:5.8.2.102 3	
@	1-0:5.8.2.103 3	
@	1-0:5.8.2.104 3	
@	1-0:5.8.2.105 3	
@	1-0:5.8.2.106 3	
@	1-0:5.8.2.107 3	
@	1-0:5.8.2.108 3	
@	1-0:5.8.2.109 3	
@	1-0:5.8.2.110 3	
@	1-0:5.8.2.111 3	
@	1-0:5.8.2.112 3	
@612	1-0:5.8.2.255 3	Reactive energy (QI) rate 2
@	1-0:5.8.3.101 3	



@ 1-0:5.8.3.102|3  
@ 1-0:5.8.3.103|3  
@ 1-0:5.8.3.104|3  
@ 1-0:5.8.3.105|3  
@ 1-0:5.8.3.106|3  
@ 1-0:5.8.3.107|3  
@ 1-0:5.8.3.108|3  
@ 1-0:5.8.3.109|3  
@ 1-0:5.8.3.110|3  
@ 1-0:5.8.3.111|3  
@ 1-0:5.8.3.112|3  
@618 1-0:5.8.3.255|3  
@ 1-0:5.8.4.101|3  
@ 1-0:5.8.4.102|3  
@ 1-0:5.8.4.103|3  
@ 1-0:5.8.4.104|3  
@ 1-0:5.8.4.105|3  
@ 1-0:5.8.4.106|3  
@ 1-0:5.8.4.107|3  
@ 1-0:5.8.4.108|3  
@ 1-0:5.8.4.109|3  
@ 1-0:5.8.4.110|3  
@ 1-0:5.8.4.111|3  
@ 1-0:5.8.4.112|3  
@624 1-0:5.8.4.255|3  
@ 1-0:6.7.0.255|3  
@ 1-0:6.8.0.101|3  
@ 1-0:6.8.0.102|3  
@ 1-0:6.8.0.103|3  
@ 1-0:6.8.0.104|3  
@ 1-0:6.8.0.105|3  
@ 1-0:6.8.0.106|3  
@ 1-0:6.8.0.107|3  
@ 1-0:6.8.0.108|3  
@ 1-0:6.8.0.109|3  
@ 1-0:6.8.0.110|3  
@ 1-0:6.8.0.111|3  
@ 1-0:6.8.0.112|3  
@467 1-0:6.8.0.255|3  
@ 1-0:6.8.1.101|3  
@ 1-0:6.8.1.102|3  
@ 1-0:6.8.1.103|3  
@ 1-0:6.8.1.104|3  
@ 1-0:6.8.1.105|3  
@ 1-0:6.8.1.106|3  
@ 1-0:6.8.1.107|3  
@ 1-0:6.8.1.108|3  
@ 1-0:6.8.1.109|3  
@ 1-0:6.8.1.110|3  
@ 1-0:6.8.1.111|3  
@ 1-0:6.8.1.112|3  
@630 1-0:6.8.1.255|3  
@ 1-0:6.8.2.101|3  
@ 1-0:6.8.2.102|3

Reactive energy (QI) rate 3

Reactive energy (QI) rate 4

Reactive energy QII (+Rc)

Reactive energy (QII) rate 1

@ 1-0:6.8.2.103|3  
@ 1-0:6.8.2.104|3  
@ 1-0:6.8.2.105|3  
@ 1-0:6.8.2.106|3  
@ 1-0:6.8.2.107|3  
@ 1-0:6.8.2.108|3  
@ 1-0:6.8.2.109|3  
@ 1-0:6.8.2.110|3  
@ 1-0:6.8.2.111|3  
@ 1-0:6.8.2.112|3  
@636 1-0:6.8.2.255|3  
@ 1-0:6.8.3.101|3  
@ 1-0:6.8.3.102|3  
@ 1-0:6.8.3.103|3  
@ 1-0:6.8.3.104|3  
@ 1-0:6.8.3.105|3  
@ 1-0:6.8.3.106|3  
@ 1-0:6.8.3.107|3  
@ 1-0:6.8.3.108|3  
@ 1-0:6.8.3.109|3  
@ 1-0:6.8.3.110|3  
@ 1-0:6.8.3.111|3  
@ 1-0:6.8.3.112|3  
@642 1-0:6.8.3.255|3  
@ 1-0:6.8.4.101|3  
@ 1-0:6.8.4.102|3  
@ 1-0:6.8.4.103|3  
@ 1-0:6.8.4.104|3  
@ 1-0:6.8.4.105|3  
@ 1-0:6.8.4.106|3  
@ 1-0:6.8.4.107|3  
@ 1-0:6.8.4.108|3  
@ 1-0:6.8.4.109|3  
@ 1-0:6.8.4.110|3  
@ 1-0:6.8.4.111|3  
@ 1-0:6.8.4.112|3  
@648 1-0:6.8.4.255|3  
@ 1-0:7.7.0.255|3  
@ 1-0:7.8.0.101|3  
@ 1-0:7.8.0.102|3  
@ 1-0:7.8.0.103|3  
@ 1-0:7.8.0.104|3  
@ 1-0:7.8.0.105|3  
@ 1-0:7.8.0.106|3  
@ 1-0:7.8.0.107|3  
@ 1-0:7.8.0.108|3  
@ 1-0:7.8.0.109|3  
@ 1-0:7.8.0.110|3  
@ 1-0:7.8.0.111|3  
@ 1-0:7.8.0.112|3  
@473 1-0:7.8.0.255|3  
@ 1-0:7.8.1.101|3  
@ 1-0:7.8.1.102|3  
@ 1-0:7.8.1.103|3

Reactive energy (QII) rate 2

Reactive energy (QII) rate 3

Reactive energy (QII) rate 4

Reactive energy QIII (-Ri)

@ 1-0:7.8.1.104|3  
@ 1-0:7.8.1.105|3  
@ 1-0:7.8.1.106|3  
@ 1-0:7.8.1.107|3  
@ 1-0:7.8.1.108|3  
@ 1-0:7.8.1.109|3  
@ 1-0:7.8.1.110|3  
@ 1-0:7.8.1.111|3  
@ 1-0:7.8.1.112|3  
@654 1-0:7.8.1.255|3  
@ 1-0:7.8.2.101|3  
@ 1-0:7.8.2.102|3  
@ 1-0:7.8.2.103|3  
@ 1-0:7.8.2.104|3  
@ 1-0:7.8.2.105|3  
@ 1-0:7.8.2.106|3  
@ 1-0:7.8.2.107|3  
@ 1-0:7.8.2.108|3  
@ 1-0:7.8.2.109|3  
@ 1-0:7.8.2.110|3  
@ 1-0:7.8.2.111|3  
@ 1-0:7.8.2.112|3  
@660 1-0:7.8.2.255|3  
@ 1-0:7.8.3.101|3  
@ 1-0:7.8.3.102|3  
@ 1-0:7.8.3.103|3  
@ 1-0:7.8.3.104|3  
@ 1-0:7.8.3.105|3  
@ 1-0:7.8.3.106|3  
@ 1-0:7.8.3.107|3  
@ 1-0:7.8.3.108|3  
@ 1-0:7.8.3.109|3  
@ 1-0:7.8.3.110|3  
@ 1-0:7.8.3.111|3  
@ 1-0:7.8.3.112|3  
@666 1-0:7.8.3.255|3  
@ 1-0:7.8.4.101|3  
@ 1-0:7.8.4.102|3  
@ 1-0:7.8.4.103|3  
@ 1-0:7.8.4.104|3  
@ 1-0:7.8.4.105|3  
@ 1-0:7.8.4.106|3  
@ 1-0:7.8.4.107|3  
@ 1-0:7.8.4.108|3  
@ 1-0:7.8.4.109|3  
@ 1-0:7.8.4.110|3  
@ 1-0:7.8.4.111|3  
@ 1-0:7.8.4.112|3  
@672 1-0:7.8.4.255|3  
@ 1-0:8.7.0.255|3  
@ 1-0:8.8.0.101|3  
@ 1-0:8.8.0.102|3  
@ 1-0:8.8.0.103|3  
@ 1-0:8.8.0.104|3

Reactive energy (QIII) rate 1

Reactive energy (QIII) rate 2

Reactive energy (QIII) rate 3

Reactive energy (QIII) rate 4

@ 1-0:8.8.0.105|3  
@ 1-0:8.8.0.106|3  
@ 1-0:8.8.0.107|3  
@ 1-0:8.8.0.108|3  
@ 1-0:8.8.0.109|3  
@ 1-0:8.8.0.110|3  
@ 1-0:8.8.0.111|3  
@ 1-0:8.8.0.112|3  
@479 1-0:8.8.0.255|3  
@ 1-0:8.8.1.101|3  
@ 1-0:8.8.1.102|3  
@ 1-0:8.8.1.103|3  
@ 1-0:8.8.1.104|3  
@ 1-0:8.8.1.105|3  
@ 1-0:8.8.1.106|3  
@ 1-0:8.8.1.107|3  
@ 1-0:8.8.1.108|3  
@ 1-0:8.8.1.109|3  
@ 1-0:8.8.1.110|3  
@ 1-0:8.8.1.111|3  
@ 1-0:8.8.1.112|3  
@678 1-0:8.8.1.255|3  
@ 1-0:8.8.2.101|3  
@ 1-0:8.8.2.102|3  
@ 1-0:8.8.2.103|3  
@ 1-0:8.8.2.104|3  
@ 1-0:8.8.2.105|3  
@ 1-0:8.8.2.106|3  
@ 1-0:8.8.2.107|3  
@ 1-0:8.8.2.108|3  
@ 1-0:8.8.2.109|3  
@ 1-0:8.8.2.110|3  
@ 1-0:8.8.2.111|3  
@ 1-0:8.8.2.112|3  
@684 1-0:8.8.2.255|3  
@ 1-0:8.8.3.101|3  
@ 1-0:8.8.3.102|3  
@ 1-0:8.8.3.103|3  
@ 1-0:8.8.3.104|3  
@ 1-0:8.8.3.105|3  
@ 1-0:8.8.3.106|3  
@ 1-0:8.8.3.107|3  
@ 1-0:8.8.3.108|3  
@ 1-0:8.8.3.109|3  
@ 1-0:8.8.3.110|3  
@ 1-0:8.8.3.111|3  
@ 1-0:8.8.3.112|3  
@690 1-0:8.8.3.255|3  
@ 1-0:8.8.4.101|3  
@ 1-0:8.8.4.102|3  
@ 1-0:8.8.4.103|3  
@ 1-0:8.8.4.104|3  
@ 1-0:8.8.4.105|3  
@ 1-0:8.8.4.106|3

Reactive energy QIV (-Rc)

Reactive energy (QIV) rate 1

Reactive energy (QIV) rate 2

Reactive energy (QIV) rate 3

@	1-0:8.8.4.107 3	
@	1-0:8.8.4.108 3	
@	1-0:8.8.4.109 3	
@	1-0:8.8.4.110 3	
@	1-0:8.8.4.111 3	
@	1-0:8.8.4.112 3	
@696	1-0:8.8.4.255 3	Reactive energy (QIV) rate 4
@1486	1-0:9.7.0.255 3	Instantaneous apparent import power (+VA)
@	1-0:9.8.0.101 3	
@	1-0:9.8.0.102 3	
@	1-0:9.8.0.103 3	
@	1-0:9.8.0.104 3	
@	1-0:9.8.0.105 3	
@	1-0:9.8.0.106 3	
@497	1-0:9.8.0.255 3	Apparent energy import (+VA) (QI+QIV)
@	1-0:9.8.1.101 3	
@	1-0:9.8.1.102 3	
@	1-0:9.8.1.103 3	
@	1-0:9.8.1.104 3	
@	1-0:9.8.1.105 3	
@	1-0:9.8.1.106 3	
@702	1-0:9.8.1.255 3	Apparent energy import (+VA) rate 1
@	1-0:9.8.2.101 3	
@	1-0:9.8.2.102 3	
@	1-0:9.8.2.103 3	
@	1-0:9.8.2.104 3	
@	1-0:9.8.2.105 3	
@	1-0:9.8.2.106 3	
@708	1-0:9.8.2.255 3	Apparent energy import (+VA) rate 2
@	1-0:9.8.3.101 3	
@	1-0:9.8.3.102 3	
@	1-0:9.8.3.103 3	
@	1-0:9.8.3.104 3	
@	1-0:9.8.3.105 3	
@	1-0:9.8.3.106 3	
@714	1-0:9.8.3.255 3	Apparent energy import (+VA) rate 3
@	1-0:9.8.4.101 3	
@	1-0:9.8.4.102 3	
@	1-0:9.8.4.103 3	
@	1-0:9.8.4.104 3	
@	1-0:9.8.4.105 3	
@	1-0:9.8.4.106 3	
@720	1-0:9.8.4.255 3	Apparent energy import (+VA) rate 4
@1492	1-0:10.7.0.255 3	Instantaneous apparent export power (-VA)
@	1-0:10.8.0.101 3	
@	1-0:10.8.0.102 3	
@	1-0:10.8.0.103 3	
@	1-0:10.8.0.104 3	
@	1-0:10.8.0.105 3	
@	1-0:10.8.0.106 3	
@503	1-0:10.8.0.255 3	Apparent energy export (-VA) (QII+QIII)
@	1-0:10.8.1.101 3	
@	1-0:10.8.1.102 3	
@	1-0:10.8.1.103 3	

	@	1-0:10.8.1.104 3	
	@	1-0:10.8.1.105 3	
	@	1-0:10.8.1.106 3	
	@726	1-0:10.8.1.255 3	Apparent energy export (-VA) rate 1
	@	1-0:10.8.2.101 3	
	@	1-0:10.8.2.102 3	
	@	1-0:10.8.2.103 3	
	@	1-0:10.8.2.104 3	
	@	1-0:10.8.2.105 3	
	@	1-0:10.8.2.106 3	
	@732	1-0:10.8.2.255 3	Apparent energy export (-VA) rate 2
	@	1-0:10.8.3.101 3	
	@	1-0:10.8.3.102 3	
	@	1-0:10.8.3.103 3	
	@	1-0:10.8.3.104 3	
	@	1-0:10.8.3.105 3	
	@	1-0:10.8.3.106 3	
	@738	1-0:10.8.3.255 3	Apparent energy export (-VA) rate 3
	@	1-0:10.8.4.101 3	
	@	1-0:10.8.4.102 3	
	@	1-0:10.8.4.103 3	
	@	1-0:10.8.4.104 3	
	@	1-0:10.8.4.105 3	
	@	1-0:10.8.4.106 3	
	@744	1-0:10.8.4.255 3	Apparent energy export (-VA) rate 4
	@	1-0:11.35.1.255 3	
	@	1-0:11.35.3.255 3	
	@	1-0:11.44.0.255 3	
	@	1-0:11.44.1.255 3	
	@	1-0:12.7.124.255 3	
	@	1-0:12.24.124.255 3	
	@	1-0:12.25.128.255 3	
	@	1-0:12.27.128.255 3	
	@	1-0:12.27.129.255 3	
	@1193	1-0:12.31.0.255 3	Threshold for voltage sag
	@	1-0:12.31.1.255 3	
	@1253	1-0:12.35.0.255 3	Threshold for voltage swell
	@1313	1-0:12.39.0.255 3	Threshold for missing voltage (voltage
cut)	@1199	1-0:12.43.0.255 3	Time threshold for voltage sag
	@	1-0:12.43.1.255 3	
	@1259	1-0:12.44.0.255 3	Time threshold for voltage swell
	@	1-0:12.44.1.255 3	
	@1319	1-0:12.45.0.255 3	Time threshold for voltage cut
	@1537	1-0:13.7.0.255 3	Instantaneous Power factor (+A/+VA)
	@	1-0:13.25.0.255 3	
	@1450	1-0:14.7.0.255 3	Instantaneous net frequency; any phase
	@1456	1-0:15.7.0.255 3	Instantaneous active power ( +A + -A )
	@449	1-0:15.8.0.255 3	Active energy ( +A + -A ) Combined total
	@750	1-0:15.8.1.255 3	Active energy Combined total ( +A + -A )
rate 1	@756	1-0:15.8.2.255 3	Active energy Combined total ( +A + -A )
rate 2	@762	1-0:15.8.3.255 3	Active energy Combined total ( +A + -A )

rate 3			
	@768	1-0:15.8.4.255 3	Active energy Combined total ( +A + -A )
rate 4	@	1-0:15.9.0.255 3	
	@	1-0:15.9.1.255 3	
	@	1-0:15.9.2.255 3	
	@	1-0:15.9.3.255 3	
	@	1-0:15.9.4.255 3	
	@	1-0:16.7.0.255 3	
	@455	1-0:16.8.0.255 3	Active energy ( +A - -A ) Combined total
	@	1-0:16.8.1.255 3	
	@	1-0:16.8.2.255 3	
	@	1-0:16.8.3.255 3	
	@	1-0:16.8.4.255 3	
	@	1-0:21.7.0.255 3	
	@	1-0:21.8.0.255 3	
	@	1-0:21.8.1.255 3	
	@	1-0:21.8.2.255 3	
	@	1-0:21.8.3.255 3	
	@	1-0:21.8.4.255 3	
	@	1-0:21.25.0.255 3	
	@	1-0:22.7.0.255 3	
	@	1-0:22.8.0.255 3	
	@	1-0:22.8.1.255 3	
	@	1-0:22.8.2.255 3	
	@	1-0:22.8.3.255 3	
	@	1-0:22.8.4.255 3	
	@	1-0:22.25.0.255 3	
	@	1-0:23.7.0.255 3	
	@	1-0:23.25.0.255 3	
	@	1-0:24.7.0.255 3	
	@	1-0:24.25.0.255 3	
	@	1-0:25.7.0.255 3	
	@	1-0:26.7.0.255 3	
	@	1-0:27.7.0.255 3	
	@	1-0:28.7.0.255 3	
	@	1-0:29.7.0.255 3	
	@	1-0:30.7.0.255 3	
	@1363	1-0:31.7.0.255 3	Instantaneous current L1
	@	1-0:31.7.124.255 3	
	@	1-0:31.25.0.255 3	
	@1351	1-0:32.7.0.255 3	Instantaneous voltage L1
	@	1-0:32.7.124.255 3	
	@1357	1-0:32.24.0.255 3	Average voltage L1
	@	1-0:32.24.124.255 3	
	@	1-0:32.25.0.255 3	
	@	1-0:32.25.128.255 3	
	@1217	1-0:32.33.0.255 3	Duration of last voltage sag in phase L1
	@1235	1-0:32.34.0.255 3	Magnitude of last voltage sag in phase L1
	@	1-0:32.35.0.255 3	
	@1277	1-0:32.37.0.255 3	Duration of last voltage swell in phase L1
	@1295	1-0:32.38.0.255 3	Magnitude of last voltage swell in phase
L1	@	1-0:32.41.0.255 3	

@	1-0:32.42.0.255 3	
@	1-0:32.43.0.255 3	
@	1-0:33.7.0.255 3	
@	1-0:33.25.0.255 3	
@	1-0:35.7.0.255 3	
@	1-0:41.7.0.255 3	
@	1-0:41.8.0.255 3	
@	1-0:41.8.1.255 3	
@	1-0:41.8.2.255 3	
@	1-0:41.8.3.255 3	
@	1-0:41.8.4.255 3	
@	1-0:41.25.0.255 3	
@	1-0:42.7.0.255 3	
@	1-0:42.8.0.255 3	
@	1-0:42.8.1.255 3	
@	1-0:42.8.2.255 3	
@	1-0:42.8.3.255 3	
@	1-0:42.8.4.255 3	
@	1-0:42.25.0.255 3	
@	1-0:43.7.0.255 3	
@	1-0:43.25.0.255 3	
@	1-0:44.7.0.255 3	
@	1-0:44.25.0.255 3	
@	1-0:45.7.0.255 3	
@	1-0:46.7.0.255 3	
@	1-0:47.7.0.255 3	
@	1-0:48.7.0.255 3	
@	1-0:49.7.0.255 3	
@	1-0:50.7.0.255 3	
@1394	1-0:51.7.0.255 3	Instantaneous current L2
@	1-0:51.7.124.255 3	
@	1-0:51.25.0.255 3	
@1382	1-0:52.7.0.255 3	Instantaneous voltage L2
@	1-0:52.7.124.255 3	
@1388	1-0:52.24.0.255 3	Average voltage L2
@	1-0:52.24.124.255 3	
@	1-0:52.25.0.255 3	
@	1-0:52.25.128.255 3	
@1223	1-0:52.33.0.255 3	Duration of last voltage sag in phase L2
@1241	1-0:52.34.0.255 3	Magnitude of last voltage sag in phase L2
@1283	1-0:52.37.0.255 3	Duration of last voltage swell in phase L2
@1301	1-0:52.38.0.255 3	Magnitude of last voltage swell in phase
@	1-0:52.41.0.255 3	
@	1-0:52.42.0.255 3	
@	1-0:52.43.0.255 3	
@	1-0:53.7.0.255 3	
@	1-0:53.25.0.255 3	
@	1-0:55.7.0.255 3	
@	1-0:61.7.0.255 3	
@	1-0:61.8.0.255 3	
@	1-0:61.8.1.255 3	
@	1-0:61.8.2.255 3	
@	1-0:61.8.3.255 3	

L2



@	1-0:61.8.4.255 3	
@	1-0:61.25.0.255 3	
@	1-0:62.7.0.255 3	
@	1-0:62.8.0.255 3	
@	1-0:62.8.1.255 3	
@	1-0:62.8.2.255 3	
@	1-0:62.8.3.255 3	
@	1-0:62.8.4.255 3	
@	1-0:62.25.0.255 3	
@	1-0:63.7.0.255 3	
@	1-0:63.25.0.255 3	
@	1-0:64.7.0.255 3	
@	1-0:64.25.0.255 3	
@	1-0:65.7.0.255 3	
@	1-0:66.7.0.255 3	
@	1-0:67.7.0.255 3	
@	1-0:68.7.0.255 3	
@	1-0:69.7.0.255 3	
@	1-0:70.7.0.255 3	
@1425	1-0:71.7.0.255 3	Instantaneous current L3
@	1-0:71.7.124.255 3	
@	1-0:71.25.0.255 3	
@1413	1-0:72.7.0.255 3	Instantaneous voltage L3
@	1-0:72.7.124.255 3	
@1419	1-0:72.24.0.255 3	Average voltage L3
@	1-0:72.24.124.255 3	
@	1-0:72.25.0.255 3	
@	1-0:72.25.128.255 3	
@1229	1-0:72.33.0.255 3	Duration of last voltage sag in phase L3
@1247	1-0:72.34.0.255 3	Magnitude of last voltage sag in phase L3
@1289	1-0:72.37.0.255 3	Duration of last voltage swell in phase L3
@1307	1-0:72.38.0.255 3	Magnitude of last voltage swell in phase

L3

@	1-0:72.41.0.255 3	
@	1-0:72.42.0.255 3	
@	1-0:72.43.0.255 3	
@	1-0:73.7.0.255 3	
@	1-0:73.25.0.255 3	
@	1-0:75.7.0.255 3	
@	1-0:81.7.0.255 3	
@	1-0:81.7.1.255 3	
@	1-0:81.7.2.255 3	
@	1-0:81.7.4.255 3	
@	1-0:81.7.10.255 3	
@	1-0:81.7.15.255 3	
@	1-0:81.7.20.255 3	
@	1-0:81.7.21.255 3	
@	1-0:81.7.26.255 3	
@	1-0:81.7.40.255 3	
@	1-0:81.7.51.255 3	
@	1-0:81.7.62.255 3	
@1444	1-0:90.7.0.255 3	Instantaneous current (sum over all

phases)

@	1-0:94.48.140.255 3	
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@	1-0:94.48.141.255 3	
@	1-0:94.48.142.255 3	
@	1-0:94.48.143.255 3	
@	1-0:94.48.150.255 3	
@	1-0:94.48.155.255 3	
@	1-0:94.48.156.255 3	
@	1-0:128.44.0.255 3	
@853	1-0:1.5.0.255 4	Last Average Demand Register 1 - Active
energy import (+A)		
@	1-0:1.5.1.255 4	
@	1-0:1.5.2.255 4	
@	1-0:1.5.3.255 4	
@	1-0:1.5.4.255 4	
@901	1-0:1.6.0.255 4	Maximum Demand Register 1 - Active energy
import (+A)		
@909	1-0:1.6.1.255 4	Maximum Demand Register 2 - Active energy
import (+A) - rate 1		
@917	1-0:1.6.2.255 4	Maximum Demand Register 3 - Active energy
import (+A) - rate 2		
@925	1-0:1.6.3.255 4	Maximum Demand Register 4 - Active energy
import (+A) - rate 3		
@933	1-0:1.6.4.255 4	Maximum Demand Register 5 - Active energy
import (+A) - rate 4		
@861	1-0:2.5.0.255 4	Last Average Demand Register 2 - Active
energy export (-A)		
@	1-0:2.5.1.255 4	
@	1-0:2.5.2.255 4	
@	1-0:2.5.3.255 4	
@	1-0:2.5.4.255 4	
@941	1-0:2.6.0.255 4	Maximum Demand Register 6 - Active energy
export (-A)		
@949	1-0:2.6.1.255 4	Maximum Demand Register 7 - Active energy
export (-A) - rate 1		
@957	1-0:2.6.2.255 4	Maximum Demand Register 8 - Active energy
export (-A) - rate 2		
@965	1-0:2.6.3.255 4	Maximum Demand Register 9 - Active energy
export (-A) - rate 3		
@973	1-0:2.6.4.255 4	Maximum Demand Register 10 - Active energy
export (-A) - rate 4		
@869	1-0:3.5.0.255 4	Last Average Demand Register 3 - Reactive
energy import (+R)		
@	1-0:3.5.1.255 4	
@	1-0:3.5.2.255 4	
@	1-0:3.5.3.255 4	
@	1-0:3.5.4.255 4	
@981	1-0:3.6.0.255 4	Maximum Demand Register 11 - Reactive
energy import (+R)		
@989	1-0:3.6.1.255 4	Maximum Demand Register 12 - Reactive
energy import (+R) - rate 1		
@997	1-0:3.6.2.255 4	Maximum Demand Register 13 - Reactive
energy import (+R) - rate 2		
@1005	1-0:3.6.3.255 4	Maximum Demand Register 14 - Reactive
energy import (+R) - rate 3		
@1013	1-0:3.6.4.255 4	Maximum Demand Register 15 - Reactive

```

energy import (+R) - rate 4
    @877 1-0:4.5.0.255|4 Last Average Demand Register 4 - Reactive
energy export (-R)
    @ 1-0:4.5.1.255|4
    @ 1-0:4.5.2.255|4
    @ 1-0:4.5.3.255|4
    @ 1-0:4.5.4.255|4
    @1021 1-0:4.6.0.255|4 Maximum Demand Register 16 - Reactive
energy export (-R)
    @1029 1-0:4.6.1.255|4 Maximum Demand Register 17 - Reactive
energy export (-R) - rate 1
    @1037 1-0:4.6.2.255|4 Maximum Demand Register 18 - Reactive
energy export (-R) - rate 2
    @1045 1-0:4.6.3.255|4 Maximum Demand Register 19 - Reactive
energy export (-R) - rate 3
    @1053 1-0:4.6.4.255|4 Maximum Demand Register 20 - Reactive
energy export (-R) - rate 4
    @9 0-0:40.0.0.255|15 Current association
    @4 0-0:41.0.0.255|17 SAP Assignment

```

```

*****
Test Case 3 : Get mngmt object-list, 1 item(s)
*****

```

```

Mngmt Get Current association 0-0:40.0.0.255 (@9)
(1) .object_list

```

PASSED

```

    @ 0-0:0.1.0.255|1
    @42 0-0:42.0.0.255|1 COSEM logical device name
    @37 0-0:43.1.0.255|1 Security - Receive frame counter -
unicast key
    @33 0-0:43.1.1.255|1 Security - Receive frame counter -
broadcast key
    @ 0-0:43.1.2.255|1
    @ 0-0:43.1.3.255|1
    @ 0-0:43.1.4.255|1
    @ 0-0:94.33.10.255|1
    @ 0-0:94.33.11.255|1
    @ 0-0:94.33.12.255|1
    @ 0-0:94.33.13.255|1
    @ 0-0:94.33.14.255|1
    @ 0-0:94.33.15.255|1
    @ 0-0:94.33.16.255|1
    @ 0-0:94.33.128.255|1
    @ 0-0:94.43.128.255|1
    @ 0-0:94.43.133.255|1
    @46 0-0:96.1.0.255|1 Device ID 1, manufacturing number
    @50 0-0:96.1.1.255|1 Device ID 2
    @54 0-0:96.1.2.255|1 Device ID 3
    @58 0-0:96.1.3.255|1 Device ID 4
    @62 0-0:96.1.4.255|1 Device ID 5
    @66 0-0:96.1.5.255|1 Device ID 6, IDIS certification number
    @ 0-0:96.1.128.255|1
    @ 0-0:96.1.129.255|1

```

	@	0-0:96.1.130.255 1	
	@	0-0:96.2.0.255 1	
	@	0-0:96.2.1.255 1	
	@	0-0:96.6.128.255 1	
	@	0-0:96.6.129.255 1	
	@	0-0:96.6.130.255 1	
	@	0-0:96.6.131.255 1	
	@	0-0:96.6.132.255 1	
	@	0-0:96.6.133.255 1	
	@	0-0:96.6.134.255 1	
	@	0-0:96.6.135.255 1	
	@1177	0-0:96.7.9.255 1	Number of long power failures in any phase
	@1173	0-0:96.7.21.255 1	Number of power failures in any phase
1	@1142	0-0:96.10.1.255 1	Profile status - Load profile with period
2	@1157	0-0:96.10.2.255 1	Profile status - Load profile with period
	@	0-0:96.10.3.255 1	
	@	0-0:96.10.4.255 1	
	@297	0-0:96.11.0.255 1	Event Object - Standard Event Log
	@312	0-0:96.11.1.255 1	Event Object - Fraud Detection Log
	@189	0-0:96.11.2.255 1	Event Object - Disconnecter Control log
	@1336	0-0:96.11.4.255 1	Event Object - Power Quality Log
	@327	0-0:96.11.5.255 1	Event Object - Communication Log
	@	0-0:96.11.6.255 1	
	@	0-0:96.11.10.255 1	
Information	@347	0-0:96.13.0.255 1	Consumer Message Text - Consumer
	@343	0-0:96.13.1.255 1	Consumer Message Code - Meter Display
	@70	0-0:96.14.0.255 1	Currently active energy tariff
	@	0-0:96.128.1.255 1	
	@	0-0:96.128.2.255 1	
	@	0-0:96.128.10.255 1	
	@	0-0:96.128.11.255 1	
	@	0-0:96.128.21.255 1	
	@	0-0:96.128.22.255 1	
	@	0-0:96.128.23.255 1	
	@	0-0:96.128.31.255 1	
	@	0-0:96.128.32.255 1	
	@	0-0:96.128.33.255 1	
	@	0-0:96.128.35.255 1	
	@257	0-0:97.97.0.255 1	Error Register
	@261	0-0:97.98.0.255 1	Alarm Register 1
	@279	0-0:97.98.1.255 1	Alarm Register 2
	@	0-0:97.98.4.255 1	
	@265	0-0:97.98.10.255 1	Alarm Filter 1
	@283	0-0:97.98.11.255 1	Alarm Filter 2
	@	0-0:97.98.14.255 1	
	@269	0-0:97.98.20.255 1	Alarm Descriptor 1
	@287	0-0:97.98.21.255 1	Alarm Descriptor 2
	@	0-0:128.0.1.255 1	
	@	0-0:128.0.2.255 1	
	@	0-0:128.0.3.255 1	
	@	0-0:128.0.4.255 1	

@	0-0:128.0.5.255 1	
@	0-0:128.0.6.255 1	
@	0-0:128.0.7.255 1	
@	0-0:128.0.8.255 1	
@	0-0:128.0.9.255 1	
@	0-0:128.0.12.255 1	
@	0-0:128.0.13.255 1	
@	0-0:139.0.0.255 1	
@	0-1:94.14.105.255 1	
@	0-1:94.14.106.255 1	
@	0-1:94.14.107.255 1	
@	0-1:94.14.108.255 1	
@	0-1:94.14.109.255 1	
@	0-1:94.14.117.255 1	
@	0-1:94.14.118.255 1	
@	0-1:94.31.0.255 1	
@	0-1:94.31.3.255 1	
@	0-1:94.31.5.255 1	
@	0-1:94.31.7.255 1	
@	0-1:94.31.8.255 1	
@	0-1:94.31.9.255 1	
@	0-1:94.31.10.255 1	
@	0-1:94.31.11.255 1	
@	0-1:94.31.12.255 1	
@	0-1:94.31.13.255 1	
@	0-1:94.31.14.255 1	
@	0-1:94.31.15.255 1	
@	0-1:94.31.17.255 1	
@	0-1:94.31.18.255 1	
@	0-1:94.31.19.255 1	
@	0-1:94.31.20.255 1	
@	0-1:94.31.21.255 1	
@	0-1:94.31.22.255 1	
@	0-1:94.31.23.255 1	
@	0-1:94.31.24.255 1	
@	0-1:94.31.25.255 1	
@	0-1:94.31.26.255 1	
@	0-1:94.31.27.255 1	
@	0-1:94.31.28.255 1	
@412	1-0:0.2.0.255 1	Active firmware identifier
@416	1-0:0.2.8.255 1	Active firmware signature
@	1-0:0.3.128.255 1	
@	1-0:0.3.129.255 1	
@86	1-0:0.9.1.255 1	Local Time
@90	1-0:0.9.2.255 1	Local Date
@	1-0:0.11.2.255 1	
@1205	1-0:32.32.0.255 1	Number of voltage sags in phase L1
@1265	1-0:32.36.0.255 1	Number of voltage swells in phase L1
@	1-0:32.40.0.255 1	
@1209	1-0:52.32.0.255 1	Number of voltage sags in phase L2
@1269	1-0:52.36.0.255 1	Number of voltage swells in phase L2
@	1-0:52.40.0.255 1	
@1213	1-0:72.32.0.255 1	Number of voltage sags in phase L3
@1273	1-0:72.36.0.255 1	Number of voltage swells in phase L3

	@	1-0:72.40.0.255 1	
	@	1-0:94.98.69.255 1	
	@	1-0:96.0.128.255 1	
	@	1-0:128.128.0.255 1	
	@	1-0:128.128.1.255 1	
	@	1-0:128.128.3.255 1	
	@	1-0:128.128.4.255 1	
	@	1-0:128.128.5.255 1	
	@	1-0:128.128.6.255 1	
	@	1-0:128.128.7.255 1	
	@	1-0:128.128.8.255 1	
	@	1-0:128.128.9.255 1	
	@	1-0:128.128.10.255 1	
	@420	1-1:0.2.0.255 1	Active firmware identifier 1
	@424	1-1:0.2.8.255 1	Active firmware signature 1
	@	1-1:94.14.100.255 1	
	@428	1-2:0.2.0.255 1	Active firmware identifier 2
	@432	1-2:0.2.8.255 1	Active firmware signature 2
	@	1-3:0.0.0.255 1	
	@	1-4:0.128.0.255 1	
phase	@1187	0-0:96.7.19.255 3	Duration of last long power failure in any
	@1181	0-0:96.7.20.255 3	Time threshold for long power failure
	@	0-0:96.7.128.255 3	
	@	0-0:96.9.0.255 3	
	@	1-0:0.6.1.255 3	
	@	1-0:0.6.2.255 3	
	@	1-0:0.6.3.255 3	
	@94	1-0:0.9.11.255 3	Clock Time Shift Limit
	@1462	1-0:1.7.0.255 3	Instantaneous active import power (+A)
	@	1-0:1.8.0.101 3	
	@	1-0:1.8.0.102 3	
	@	1-0:1.8.0.103 3	
	@	1-0:1.8.0.104 3	
	@	1-0:1.8.0.105 3	
	@	1-0:1.8.0.106 3	
	@	1-0:1.8.0.107 3	
	@	1-0:1.8.0.108 3	
	@	1-0:1.8.0.109 3	
	@	1-0:1.8.0.110 3	
	@	1-0:1.8.0.111 3	
	@	1-0:1.8.0.112 3	
	@437	1-0:1.8.0.255 3	Active energy import (+A)
	@	1-0:1.8.1.101 3	
	@	1-0:1.8.1.102 3	
	@	1-0:1.8.1.103 3	
	@	1-0:1.8.1.104 3	
	@	1-0:1.8.1.105 3	
	@	1-0:1.8.1.106 3	
	@	1-0:1.8.1.107 3	
	@	1-0:1.8.1.108 3	
	@	1-0:1.8.1.109 3	
	@	1-0:1.8.1.110 3	
	@	1-0:1.8.1.111 3	

@	1-0:1.8.1.112 3	
@510	1-0:1.8.1.255 3	Active energy import (+A) rate 1
@	1-0:1.8.2.101 3	
@	1-0:1.8.2.102 3	
@	1-0:1.8.2.103 3	
@	1-0:1.8.2.104 3	
@	1-0:1.8.2.105 3	
@	1-0:1.8.2.106 3	
@	1-0:1.8.2.107 3	
@	1-0:1.8.2.108 3	
@	1-0:1.8.2.109 3	
@	1-0:1.8.2.110 3	
@	1-0:1.8.2.111 3	
@	1-0:1.8.2.112 3	
@516	1-0:1.8.2.255 3	Active energy import (+A) rate 2
@	1-0:1.8.3.101 3	
@	1-0:1.8.3.102 3	
@	1-0:1.8.3.103 3	
@	1-0:1.8.3.104 3	
@	1-0:1.8.3.105 3	
@	1-0:1.8.3.106 3	
@	1-0:1.8.3.107 3	
@	1-0:1.8.3.108 3	
@	1-0:1.8.3.109 3	
@	1-0:1.8.3.110 3	
@	1-0:1.8.3.111 3	
@	1-0:1.8.3.112 3	
@522	1-0:1.8.3.255 3	Active energy import (+A) rate 3
@	1-0:1.8.4.101 3	
@	1-0:1.8.4.102 3	
@	1-0:1.8.4.103 3	
@	1-0:1.8.4.104 3	
@	1-0:1.8.4.105 3	
@	1-0:1.8.4.106 3	
@	1-0:1.8.4.107 3	
@	1-0:1.8.4.108 3	
@	1-0:1.8.4.109 3	
@	1-0:1.8.4.110 3	
@	1-0:1.8.4.111 3	
@	1-0:1.8.4.112 3	
@528	1-0:1.8.4.255 3	Active energy import (+A) rate 4
@	1-0:1.9.0.101 3	
@	1-0:1.9.0.102 3	
@	1-0:1.9.0.103 3	
@	1-0:1.9.0.104 3	
@	1-0:1.9.0.105 3	
@	1-0:1.9.0.106 3	
@	1-0:1.9.0.107 3	
@	1-0:1.9.0.108 3	
@	1-0:1.9.0.109 3	
@	1-0:1.9.0.110 3	
@	1-0:1.9.0.111 3	
@	1-0:1.9.0.112 3	
@	1-0:1.9.0.255 3	

1-0:1.9.1.101	3
1-0:1.9.1.102	3
1-0:1.9.1.103	3
1-0:1.9.1.104	3
1-0:1.9.1.105	3
1-0:1.9.1.106	3
1-0:1.9.1.107	3
1-0:1.9.1.108	3
1-0:1.9.1.109	3
1-0:1.9.1.110	3
1-0:1.9.1.111	3
1-0:1.9.1.112	3
1-0:1.9.1.255	3
1-0:1.9.2.101	3
1-0:1.9.2.102	3
1-0:1.9.2.103	3
1-0:1.9.2.104	3
1-0:1.9.2.105	3
1-0:1.9.2.106	3
1-0:1.9.2.107	3
1-0:1.9.2.108	3
1-0:1.9.2.109	3
1-0:1.9.2.110	3
1-0:1.9.2.111	3
1-0:1.9.2.112	3
1-0:1.9.2.255	3
1-0:1.9.3.101	3
1-0:1.9.3.102	3
1-0:1.9.3.103	3
1-0:1.9.3.104	3
1-0:1.9.3.105	3
1-0:1.9.3.106	3
1-0:1.9.3.107	3
1-0:1.9.3.108	3
1-0:1.9.3.109	3
1-0:1.9.3.110	3
1-0:1.9.3.111	3
1-0:1.9.3.112	3
1-0:1.9.3.255	3
1-0:1.9.4.101	3
1-0:1.9.4.102	3
1-0:1.9.4.103	3
1-0:1.9.4.104	3
1-0:1.9.4.105	3
1-0:1.9.4.106	3
1-0:1.9.4.107	3
1-0:1.9.4.108	3
1-0:1.9.4.109	3
1-0:1.9.4.110	3
1-0:1.9.4.111	3
1-0:1.9.4.112	3
1-0:1.9.4.255	3
1-0:1.25.0.255	3
1-0:1.29.0.255	3



@1468	1-0:2.7.0.255 3	Instantaneous active export power (-A)
@	1-0:2.8.0.101 3	
@	1-0:2.8.0.102 3	
@	1-0:2.8.0.103 3	
@	1-0:2.8.0.104 3	
@	1-0:2.8.0.105 3	
@	1-0:2.8.0.106 3	
@	1-0:2.8.0.107 3	
@	1-0:2.8.0.108 3	
@	1-0:2.8.0.109 3	
@	1-0:2.8.0.110 3	
@	1-0:2.8.0.111 3	
@	1-0:2.8.0.112 3	
@443	1-0:2.8.0.255 3	Active energy export (-A)
@	1-0:2.8.1.101 3	
@	1-0:2.8.1.102 3	
@	1-0:2.8.1.103 3	
@	1-0:2.8.1.104 3	
@	1-0:2.8.1.105 3	
@	1-0:2.8.1.106 3	
@	1-0:2.8.1.107 3	
@	1-0:2.8.1.108 3	
@	1-0:2.8.1.109 3	
@	1-0:2.8.1.110 3	
@	1-0:2.8.1.111 3	
@	1-0:2.8.1.112 3	
@534	1-0:2.8.1.255 3	Active energy export (-A) rate 1
@	1-0:2.8.2.101 3	
@	1-0:2.8.2.102 3	
@	1-0:2.8.2.103 3	
@	1-0:2.8.2.104 3	
@	1-0:2.8.2.105 3	
@	1-0:2.8.2.106 3	
@	1-0:2.8.2.107 3	
@	1-0:2.8.2.108 3	
@	1-0:2.8.2.109 3	
@	1-0:2.8.2.110 3	
@	1-0:2.8.2.111 3	
@	1-0:2.8.2.112 3	
@540	1-0:2.8.2.255 3	Active energy export (-A) rate 2
@	1-0:2.8.3.101 3	
@	1-0:2.8.3.102 3	
@	1-0:2.8.3.103 3	
@	1-0:2.8.3.104 3	
@	1-0:2.8.3.105 3	
@	1-0:2.8.3.106 3	
@	1-0:2.8.3.107 3	
@	1-0:2.8.3.108 3	
@	1-0:2.8.3.109 3	
@	1-0:2.8.3.110 3	
@	1-0:2.8.3.111 3	
@	1-0:2.8.3.112 3	
@546	1-0:2.8.3.255 3	Active energy export (-A) rate 3
@	1-0:2.8.4.101 3	

@ 1-0:2.8.4.102|3  
@ 1-0:2.8.4.103|3  
@ 1-0:2.8.4.104|3  
@ 1-0:2.8.4.105|3  
@ 1-0:2.8.4.106|3  
@ 1-0:2.8.4.107|3  
@ 1-0:2.8.4.108|3  
@ 1-0:2.8.4.109|3  
@ 1-0:2.8.4.110|3  
@ 1-0:2.8.4.111|3  
@ 1-0:2.8.4.112|3  
@552 1-0:2.8.4.255|3  
@ 1-0:2.9.0.101|3  
@ 1-0:2.9.0.102|3  
@ 1-0:2.9.0.103|3  
@ 1-0:2.9.0.104|3  
@ 1-0:2.9.0.105|3  
@ 1-0:2.9.0.106|3  
@ 1-0:2.9.0.107|3  
@ 1-0:2.9.0.108|3  
@ 1-0:2.9.0.109|3  
@ 1-0:2.9.0.110|3  
@ 1-0:2.9.0.111|3  
@ 1-0:2.9.0.112|3  
@ 1-0:2.9.0.255|3  
@ 1-0:2.9.1.101|3  
@ 1-0:2.9.1.102|3  
@ 1-0:2.9.1.103|3  
@ 1-0:2.9.1.104|3  
@ 1-0:2.9.1.105|3  
@ 1-0:2.9.1.106|3  
@ 1-0:2.9.1.107|3  
@ 1-0:2.9.1.108|3  
@ 1-0:2.9.1.109|3  
@ 1-0:2.9.1.110|3  
@ 1-0:2.9.1.111|3  
@ 1-0:2.9.1.112|3  
@ 1-0:2.9.1.255|3  
@ 1-0:2.9.2.101|3  
@ 1-0:2.9.2.102|3  
@ 1-0:2.9.2.103|3  
@ 1-0:2.9.2.104|3  
@ 1-0:2.9.2.105|3  
@ 1-0:2.9.2.106|3  
@ 1-0:2.9.2.107|3  
@ 1-0:2.9.2.108|3  
@ 1-0:2.9.2.109|3  
@ 1-0:2.9.2.110|3  
@ 1-0:2.9.2.111|3  
@ 1-0:2.9.2.112|3  
@ 1-0:2.9.2.255|3  
@ 1-0:2.9.3.101|3  
@ 1-0:2.9.3.102|3  
@ 1-0:2.9.3.103|3

Active energy export (-A) rate 4

@ 1-0:2.9.3.104|3  
 @ 1-0:2.9.3.105|3  
 @ 1-0:2.9.3.106|3  
 @ 1-0:2.9.3.107|3  
 @ 1-0:2.9.3.108|3  
 @ 1-0:2.9.3.109|3  
 @ 1-0:2.9.3.110|3  
 @ 1-0:2.9.3.111|3  
 @ 1-0:2.9.3.112|3  
 @ 1-0:2.9.3.255|3  
 @ 1-0:2.9.4.101|3  
 @ 1-0:2.9.4.102|3  
 @ 1-0:2.9.4.103|3  
 @ 1-0:2.9.4.104|3  
 @ 1-0:2.9.4.105|3  
 @ 1-0:2.9.4.106|3  
 @ 1-0:2.9.4.107|3  
 @ 1-0:2.9.4.108|3  
 @ 1-0:2.9.4.109|3  
 @ 1-0:2.9.4.110|3  
 @ 1-0:2.9.4.111|3  
 @ 1-0:2.9.4.112|3  
 @ 1-0:2.9.4.255|3  
 @ 1-0:2.25.0.255|3  
 @ 1-0:2.29.0.255|3  
 @1474 1-0:3.7.0.255|3  
 @485 1-0:3.8.0.255|3  
 @558 1-0:3.8.1.255|3  
 @564 1-0:3.8.2.255|3  
 @570 1-0:3.8.3.255|3  
 @576 1-0:3.8.4.255|3  
 @ 1-0:3.9.0.255|3  
 @ 1-0:3.9.1.255|3  
 @ 1-0:3.9.2.255|3  
 @ 1-0:3.9.3.255|3  
 @ 1-0:3.9.4.255|3  
 @ 1-0:3.25.0.255|3  
 @ 1-0:3.29.0.255|3  
 @1480 1-0:4.7.0.255|3  
 @491 1-0:4.8.0.255|3  
 @582 1-0:4.8.1.255|3  
 @588 1-0:4.8.2.255|3  
 @594 1-0:4.8.3.255|3  
 @600 1-0:4.8.4.255|3  
 @ 1-0:4.9.0.255|3  
 @ 1-0:4.9.1.255|3  
 @ 1-0:4.9.2.255|3  
 @ 1-0:4.9.3.255|3  
 @ 1-0:4.9.4.255|3  
 @ 1-0:4.25.0.255|3  
 @ 1-0:4.29.0.255|3  
 @ 1-0:5.7.0.255|3  
 @ 1-0:5.8.0.101|3  
 @ 1-0:5.8.0.102|3

Instantaneous reactive import power (+R)  
 Reactive energy import (+R) (QI+QII)  
 Reactive energy (+R) rate 1  
 Reactive energy (+R) rate 2  
 Reactive energy (+R) rate 3  
 Reactive energy (+R) rate 4

Instantaneous reactive export power (-R)  
 Reactive energy export (-R) (QIII+QIV)  
 Reactive energy (-R) rate 1  
 Reactive energy (-R) rate 2  
 Reactive energy (-R) rate 3  
 Reactive energy (-R) rate 4

@	1-0:5.8.0.103	3	
@	1-0:5.8.0.104	3	
@	1-0:5.8.0.105	3	
@	1-0:5.8.0.106	3	
@	1-0:5.8.0.107	3	
@	1-0:5.8.0.108	3	
@	1-0:5.8.0.109	3	
@	1-0:5.8.0.110	3	
@	1-0:5.8.0.111	3	
@	1-0:5.8.0.112	3	
@461	1-0:5.8.0.255	3	Reactive energy QI (+Ri)
@	1-0:5.8.1.101	3	
@	1-0:5.8.1.102	3	
@	1-0:5.8.1.103	3	
@	1-0:5.8.1.104	3	
@	1-0:5.8.1.105	3	
@	1-0:5.8.1.106	3	
@	1-0:5.8.1.107	3	
@	1-0:5.8.1.108	3	
@	1-0:5.8.1.109	3	
@	1-0:5.8.1.110	3	
@	1-0:5.8.1.111	3	
@	1-0:5.8.1.112	3	
@506	1-0:5.8.1.255	3	Reactive energy (QI) rate 1
@	1-0:5.8.2.101	3	
@	1-0:5.8.2.102	3	
@	1-0:5.8.2.103	3	
@	1-0:5.8.2.104	3	
@	1-0:5.8.2.105	3	
@	1-0:5.8.2.106	3	
@	1-0:5.8.2.107	3	
@	1-0:5.8.2.108	3	
@	1-0:5.8.2.109	3	
@	1-0:5.8.2.110	3	
@	1-0:5.8.2.111	3	
@	1-0:5.8.2.112	3	
@612	1-0:5.8.2.255	3	Reactive energy (QI) rate 2
@	1-0:5.8.3.101	3	
@	1-0:5.8.3.102	3	
@	1-0:5.8.3.103	3	
@	1-0:5.8.3.104	3	
@	1-0:5.8.3.105	3	
@	1-0:5.8.3.106	3	
@	1-0:5.8.3.107	3	
@	1-0:5.8.3.108	3	
@	1-0:5.8.3.109	3	
@	1-0:5.8.3.110	3	
@	1-0:5.8.3.111	3	
@	1-0:5.8.3.112	3	
@618	1-0:5.8.3.255	3	Reactive energy (QI) rate 3
@	1-0:5.8.4.101	3	
@	1-0:5.8.4.102	3	
@	1-0:5.8.4.103	3	
@	1-0:5.8.4.104	3	

@ 1-0:5.8.4.105|3  
@ 1-0:5.8.4.106|3  
@ 1-0:5.8.4.107|3  
@ 1-0:5.8.4.108|3  
@ 1-0:5.8.4.109|3  
@ 1-0:5.8.4.110|3  
@ 1-0:5.8.4.111|3  
@ 1-0:5.8.4.112|3  
@624 1-0:5.8.4.255|3  
@ 1-0:6.7.0.255|3  
@ 1-0:6.8.0.101|3  
@ 1-0:6.8.0.102|3  
@ 1-0:6.8.0.103|3  
@ 1-0:6.8.0.104|3  
@ 1-0:6.8.0.105|3  
@ 1-0:6.8.0.106|3  
@ 1-0:6.8.0.107|3  
@ 1-0:6.8.0.108|3  
@ 1-0:6.8.0.109|3  
@ 1-0:6.8.0.110|3  
@ 1-0:6.8.0.111|3  
@ 1-0:6.8.0.112|3  
@467 1-0:6.8.0.255|3  
@ 1-0:6.8.1.101|3  
@ 1-0:6.8.1.102|3  
@ 1-0:6.8.1.103|3  
@ 1-0:6.8.1.104|3  
@ 1-0:6.8.1.105|3  
@ 1-0:6.8.1.106|3  
@ 1-0:6.8.1.107|3  
@ 1-0:6.8.1.108|3  
@ 1-0:6.8.1.109|3  
@ 1-0:6.8.1.110|3  
@ 1-0:6.8.1.111|3  
@ 1-0:6.8.1.112|3  
@630 1-0:6.8.1.255|3  
@ 1-0:6.8.2.101|3  
@ 1-0:6.8.2.102|3  
@ 1-0:6.8.2.103|3  
@ 1-0:6.8.2.104|3  
@ 1-0:6.8.2.105|3  
@ 1-0:6.8.2.106|3  
@ 1-0:6.8.2.107|3  
@ 1-0:6.8.2.108|3  
@ 1-0:6.8.2.109|3  
@ 1-0:6.8.2.110|3  
@ 1-0:6.8.2.111|3  
@ 1-0:6.8.2.112|3  
@636 1-0:6.8.2.255|3  
@ 1-0:6.8.3.101|3  
@ 1-0:6.8.3.102|3  
@ 1-0:6.8.3.103|3  
@ 1-0:6.8.3.104|3  
@ 1-0:6.8.3.105|3

Reactive energy (QI) rate 4

Reactive energy QII (+Rc)

Reactive energy (QII) rate 1

Reactive energy (QII) rate 2

@ 1-0:6.8.3.106|3  
@ 1-0:6.8.3.107|3  
@ 1-0:6.8.3.108|3  
@ 1-0:6.8.3.109|3  
@ 1-0:6.8.3.110|3  
@ 1-0:6.8.3.111|3  
@ 1-0:6.8.3.112|3  
@642 1-0:6.8.3.255|3  
@ 1-0:6.8.4.101|3  
@ 1-0:6.8.4.102|3  
@ 1-0:6.8.4.103|3  
@ 1-0:6.8.4.104|3  
@ 1-0:6.8.4.105|3  
@ 1-0:6.8.4.106|3  
@ 1-0:6.8.4.107|3  
@ 1-0:6.8.4.108|3  
@ 1-0:6.8.4.109|3  
@ 1-0:6.8.4.110|3  
@ 1-0:6.8.4.111|3  
@ 1-0:6.8.4.112|3  
@648 1-0:6.8.4.255|3  
@ 1-0:7.7.0.255|3  
@ 1-0:7.8.0.101|3  
@ 1-0:7.8.0.102|3  
@ 1-0:7.8.0.103|3  
@ 1-0:7.8.0.104|3  
@ 1-0:7.8.0.105|3  
@ 1-0:7.8.0.106|3  
@ 1-0:7.8.0.107|3  
@ 1-0:7.8.0.108|3  
@ 1-0:7.8.0.109|3  
@ 1-0:7.8.0.110|3  
@ 1-0:7.8.0.111|3  
@ 1-0:7.8.0.112|3  
@473 1-0:7.8.0.255|3  
@ 1-0:7.8.1.101|3  
@ 1-0:7.8.1.102|3  
@ 1-0:7.8.1.103|3  
@ 1-0:7.8.1.104|3  
@ 1-0:7.8.1.105|3  
@ 1-0:7.8.1.106|3  
@ 1-0:7.8.1.107|3  
@ 1-0:7.8.1.108|3  
@ 1-0:7.8.1.109|3  
@ 1-0:7.8.1.110|3  
@ 1-0:7.8.1.111|3  
@ 1-0:7.8.1.112|3  
@654 1-0:7.8.1.255|3  
@ 1-0:7.8.2.101|3  
@ 1-0:7.8.2.102|3  
@ 1-0:7.8.2.103|3  
@ 1-0:7.8.2.104|3  
@ 1-0:7.8.2.105|3  
@ 1-0:7.8.2.106|3

Reactive energy (QII) rate 3

Reactive energy (QII) rate 4

Reactive energy QIII (-Ri)

Reactive energy (QIII) rate 1

@ 1-0:7.8.2.107|3  
@ 1-0:7.8.2.108|3  
@ 1-0:7.8.2.109|3  
@ 1-0:7.8.2.110|3  
@ 1-0:7.8.2.111|3  
@ 1-0:7.8.2.112|3  
@660 1-0:7.8.2.255|3  
@ 1-0:7.8.3.101|3  
@ 1-0:7.8.3.102|3  
@ 1-0:7.8.3.103|3  
@ 1-0:7.8.3.104|3  
@ 1-0:7.8.3.105|3  
@ 1-0:7.8.3.106|3  
@ 1-0:7.8.3.107|3  
@ 1-0:7.8.3.108|3  
@ 1-0:7.8.3.109|3  
@ 1-0:7.8.3.110|3  
@ 1-0:7.8.3.111|3  
@ 1-0:7.8.3.112|3  
@666 1-0:7.8.3.255|3  
@ 1-0:7.8.4.101|3  
@ 1-0:7.8.4.102|3  
@ 1-0:7.8.4.103|3  
@ 1-0:7.8.4.104|3  
@ 1-0:7.8.4.105|3  
@ 1-0:7.8.4.106|3  
@ 1-0:7.8.4.107|3  
@ 1-0:7.8.4.108|3  
@ 1-0:7.8.4.109|3  
@ 1-0:7.8.4.110|3  
@ 1-0:7.8.4.111|3  
@ 1-0:7.8.4.112|3  
@672 1-0:7.8.4.255|3  
@ 1-0:8.7.0.255|3  
@ 1-0:8.8.0.101|3  
@ 1-0:8.8.0.102|3  
@ 1-0:8.8.0.103|3  
@ 1-0:8.8.0.104|3  
@ 1-0:8.8.0.105|3  
@ 1-0:8.8.0.106|3  
@ 1-0:8.8.0.107|3  
@ 1-0:8.8.0.108|3  
@ 1-0:8.8.0.109|3  
@ 1-0:8.8.0.110|3  
@ 1-0:8.8.0.111|3  
@ 1-0:8.8.0.112|3  
@479 1-0:8.8.0.255|3  
@ 1-0:8.8.1.101|3  
@ 1-0:8.8.1.102|3  
@ 1-0:8.8.1.103|3  
@ 1-0:8.8.1.104|3  
@ 1-0:8.8.1.105|3  
@ 1-0:8.8.1.106|3  
@ 1-0:8.8.1.107|3

Reactive energy (QIII) rate 2

Reactive energy (QIII) rate 3

Reactive energy (QIII) rate 4

Reactive energy QIV (-Rc)

@	1-0:8.8.1.108	3	
@	1-0:8.8.1.109	3	
@	1-0:8.8.1.110	3	
@	1-0:8.8.1.111	3	
@	1-0:8.8.1.112	3	
@678	1-0:8.8.1.255	3	Reactive energy (QIV) rate 1
@	1-0:8.8.2.101	3	
@	1-0:8.8.2.102	3	
@	1-0:8.8.2.103	3	
@	1-0:8.8.2.104	3	
@	1-0:8.8.2.105	3	
@	1-0:8.8.2.106	3	
@	1-0:8.8.2.107	3	
@	1-0:8.8.2.108	3	
@	1-0:8.8.2.109	3	
@	1-0:8.8.2.110	3	
@	1-0:8.8.2.111	3	
@	1-0:8.8.2.112	3	
@684	1-0:8.8.2.255	3	Reactive energy (QIV) rate 2
@	1-0:8.8.3.101	3	
@	1-0:8.8.3.102	3	
@	1-0:8.8.3.103	3	
@	1-0:8.8.3.104	3	
@	1-0:8.8.3.105	3	
@	1-0:8.8.3.106	3	
@	1-0:8.8.3.107	3	
@	1-0:8.8.3.108	3	
@	1-0:8.8.3.109	3	
@	1-0:8.8.3.110	3	
@	1-0:8.8.3.111	3	
@	1-0:8.8.3.112	3	
@690	1-0:8.8.3.255	3	Reactive energy (QIV) rate 3
@	1-0:8.8.4.101	3	
@	1-0:8.8.4.102	3	
@	1-0:8.8.4.103	3	
@	1-0:8.8.4.104	3	
@	1-0:8.8.4.105	3	
@	1-0:8.8.4.106	3	
@	1-0:8.8.4.107	3	
@	1-0:8.8.4.108	3	
@	1-0:8.8.4.109	3	
@	1-0:8.8.4.110	3	
@	1-0:8.8.4.111	3	
@	1-0:8.8.4.112	3	
@696	1-0:8.8.4.255	3	Reactive energy (QIV) rate 4
@1486	1-0:9.7.0.255	3	Instantaneous apparent import power (+VA)
@	1-0:9.8.0.101	3	
@	1-0:9.8.0.102	3	
@	1-0:9.8.0.103	3	
@	1-0:9.8.0.104	3	
@	1-0:9.8.0.105	3	
@	1-0:9.8.0.106	3	
@497	1-0:9.8.0.255	3	Apparent energy import (+VA) (QI+QIV)
@	1-0:9.8.1.101	3	



@	1-0:9.8.1.102 3	
@	1-0:9.8.1.103 3	
@	1-0:9.8.1.104 3	
@	1-0:9.8.1.105 3	
@	1-0:9.8.1.106 3	
@702	1-0:9.8.1.255 3	Apparent energy import (+VA) rate 1
@	1-0:9.8.2.101 3	
@	1-0:9.8.2.102 3	
@	1-0:9.8.2.103 3	
@	1-0:9.8.2.104 3	
@	1-0:9.8.2.105 3	
@	1-0:9.8.2.106 3	
@708	1-0:9.8.2.255 3	Apparent energy import (+VA) rate 2
@	1-0:9.8.3.101 3	
@	1-0:9.8.3.102 3	
@	1-0:9.8.3.103 3	
@	1-0:9.8.3.104 3	
@	1-0:9.8.3.105 3	
@	1-0:9.8.3.106 3	
@714	1-0:9.8.3.255 3	Apparent energy import (+VA) rate 3
@	1-0:9.8.4.101 3	
@	1-0:9.8.4.102 3	
@	1-0:9.8.4.103 3	
@	1-0:9.8.4.104 3	
@	1-0:9.8.4.105 3	
@	1-0:9.8.4.106 3	
@720	1-0:9.8.4.255 3	Apparent energy import (+VA) rate 4
@1492	1-0:10.7.0.255 3	Instantaneous apparent export power (-VA)
@	1-0:10.8.0.101 3	
@	1-0:10.8.0.102 3	
@	1-0:10.8.0.103 3	
@	1-0:10.8.0.104 3	
@	1-0:10.8.0.105 3	
@	1-0:10.8.0.106 3	
@503	1-0:10.8.0.255 3	Apparent energy export (-VA) (QII+QIII)
@	1-0:10.8.1.101 3	
@	1-0:10.8.1.102 3	
@	1-0:10.8.1.103 3	
@	1-0:10.8.1.104 3	
@	1-0:10.8.1.105 3	
@	1-0:10.8.1.106 3	
@726	1-0:10.8.1.255 3	Apparent energy export (-VA) rate 1
@	1-0:10.8.2.101 3	
@	1-0:10.8.2.102 3	
@	1-0:10.8.2.103 3	
@	1-0:10.8.2.104 3	
@	1-0:10.8.2.105 3	
@	1-0:10.8.2.106 3	
@732	1-0:10.8.2.255 3	Apparent energy export (-VA) rate 2
@	1-0:10.8.3.101 3	
@	1-0:10.8.3.102 3	
@	1-0:10.8.3.103 3	
@	1-0:10.8.3.104 3	
@	1-0:10.8.3.105 3	

	@	1-0:10.8.3.106 3	
	@738	1-0:10.8.3.255 3	Apparent energy export (-VA) rate 3
	@	1-0:10.8.4.101 3	
	@	1-0:10.8.4.102 3	
	@	1-0:10.8.4.103 3	
	@	1-0:10.8.4.104 3	
	@	1-0:10.8.4.105 3	
	@	1-0:10.8.4.106 3	
	@744	1-0:10.8.4.255 3	Apparent energy export (-VA) rate 4
	@	1-0:11.35.1.255 3	
	@	1-0:11.35.3.255 3	
	@	1-0:11.44.0.255 3	
	@	1-0:11.44.1.255 3	
	@	1-0:12.7.124.255 3	
	@	1-0:12.24.124.255 3	
	@	1-0:12.25.128.255 3	
	@	1-0:12.27.128.255 3	
	@	1-0:12.27.129.255 3	
	@1193	1-0:12.31.0.255 3	Threshold for voltage sag
	@	1-0:12.31.1.255 3	
	@1253	1-0:12.35.0.255 3	Threshold for voltage swell
	@1313	1-0:12.39.0.255 3	Threshold for missing voltage (voltage
cut)	@1199	1-0:12.43.0.255 3	Time threshold for voltage sag
	@	1-0:12.43.1.255 3	
	@1259	1-0:12.44.0.255 3	Time threshold for voltage swell
	@	1-0:12.44.1.255 3	
	@1319	1-0:12.45.0.255 3	Time threshold for voltage cut
	@1537	1-0:13.7.0.255 3	Instantaneous Power factor (+A/+VA)
	@	1-0:13.25.0.255 3	
	@1450	1-0:14.7.0.255 3	Instantaneous net frequency; any phase
	@1456	1-0:15.7.0.255 3	Instantaneous active power ( +A + -A )
	@449	1-0:15.8.0.255 3	Active energy ( +A + -A ) Combined total
	@750	1-0:15.8.1.255 3	Active energy Combined total ( +A + -A )
rate 1	@756	1-0:15.8.2.255 3	Active energy Combined total ( +A + -A )
rate 2	@762	1-0:15.8.3.255 3	Active energy Combined total ( +A + -A )
rate 3	@768	1-0:15.8.4.255 3	Active energy Combined total ( +A + -A )
rate 4	@	1-0:15.9.0.255 3	
	@	1-0:15.9.1.255 3	
	@	1-0:15.9.2.255 3	
	@	1-0:15.9.3.255 3	
	@	1-0:15.9.4.255 3	
	@	1-0:16.7.0.255 3	
	@455	1-0:16.8.0.255 3	Active energy ( +A - -A ) Combined total
	@	1-0:16.8.1.255 3	
	@	1-0:16.8.2.255 3	
	@	1-0:16.8.3.255 3	
	@	1-0:16.8.4.255 3	
	@	1-0:21.7.0.255 3	
	@	1-0:21.8.0.255 3	

@	1-0:21.8.1.255 3	
@	1-0:21.8.2.255 3	
@	1-0:21.8.3.255 3	
@	1-0:21.8.4.255 3	
@	1-0:21.25.0.255 3	
@	1-0:22.7.0.255 3	
@	1-0:22.8.0.255 3	
@	1-0:22.8.1.255 3	
@	1-0:22.8.2.255 3	
@	1-0:22.8.3.255 3	
@	1-0:22.8.4.255 3	
@	1-0:22.25.0.255 3	
@	1-0:23.7.0.255 3	
@	1-0:23.25.0.255 3	
@	1-0:24.7.0.255 3	
@	1-0:24.25.0.255 3	
@	1-0:25.7.0.255 3	
@	1-0:26.7.0.255 3	
@	1-0:27.7.0.255 3	
@	1-0:28.7.0.255 3	
@	1-0:29.7.0.255 3	
@	1-0:30.7.0.255 3	
@1363	1-0:31.7.0.255 3	Instantaneous current L1
@	1-0:31.7.124.255 3	
@	1-0:31.25.0.255 3	
@1351	1-0:32.7.0.255 3	Instantaneous voltage L1
@	1-0:32.7.124.255 3	
@1357	1-0:32.24.0.255 3	Average voltage L1
@	1-0:32.24.124.255 3	
@	1-0:32.25.0.255 3	
@	1-0:32.25.128.255 3	
@1217	1-0:32.33.0.255 3	Duration of last voltage sag in phase L1
@1235	1-0:32.34.0.255 3	Magnitude of last voltage sag in phase L1
@	1-0:32.35.0.255 3	
@1277	1-0:32.37.0.255 3	Duration of last voltage swell in phase L1
@1295	1-0:32.38.0.255 3	Magnitude of last voltage swell in phase
L1		
@	1-0:32.41.0.255 3	
@	1-0:32.42.0.255 3	
@	1-0:32.43.0.255 3	
@	1-0:33.7.0.255 3	
@	1-0:33.25.0.255 3	
@	1-0:35.7.0.255 3	
@	1-0:41.7.0.255 3	
@	1-0:41.8.0.255 3	
@	1-0:41.8.1.255 3	
@	1-0:41.8.2.255 3	
@	1-0:41.8.3.255 3	
@	1-0:41.8.4.255 3	
@	1-0:41.25.0.255 3	
@	1-0:42.7.0.255 3	
@	1-0:42.8.0.255 3	
@	1-0:42.8.1.255 3	
@	1-0:42.8.2.255 3	

@	1-0:42.8.3.255 3	
@	1-0:42.8.4.255 3	
@	1-0:42.25.0.255 3	
@	1-0:43.7.0.255 3	
@	1-0:43.25.0.255 3	
@	1-0:44.7.0.255 3	
@	1-0:44.25.0.255 3	
@	1-0:45.7.0.255 3	
@	1-0:46.7.0.255 3	
@	1-0:47.7.0.255 3	
@	1-0:48.7.0.255 3	
@	1-0:49.7.0.255 3	
@	1-0:50.7.0.255 3	
@1394	1-0:51.7.0.255 3	Instantaneous current L2
@	1-0:51.7.124.255 3	
@	1-0:51.25.0.255 3	
@1382	1-0:52.7.0.255 3	Instantaneous voltage L2
@	1-0:52.7.124.255 3	
@1388	1-0:52.24.0.255 3	Average voltage L2
@	1-0:52.24.124.255 3	
@	1-0:52.25.0.255 3	
@	1-0:52.25.128.255 3	
@1223	1-0:52.33.0.255 3	Duration of last voltage sag in phase L2
@1241	1-0:52.34.0.255 3	Magnitude of last voltage sag in phase L2
@1283	1-0:52.37.0.255 3	Duration of last voltage swell in phase L2
@1301	1-0:52.38.0.255 3	Magnitude of last voltage swell in phase

L2

@	1-0:52.41.0.255 3
@	1-0:52.42.0.255 3
@	1-0:52.43.0.255 3
@	1-0:53.7.0.255 3
@	1-0:53.25.0.255 3
@	1-0:55.7.0.255 3
@	1-0:61.7.0.255 3
@	1-0:61.8.0.255 3
@	1-0:61.8.1.255 3
@	1-0:61.8.2.255 3
@	1-0:61.8.3.255 3
@	1-0:61.8.4.255 3
@	1-0:61.25.0.255 3
@	1-0:62.7.0.255 3
@	1-0:62.8.0.255 3
@	1-0:62.8.1.255 3
@	1-0:62.8.2.255 3
@	1-0:62.8.3.255 3
@	1-0:62.8.4.255 3
@	1-0:62.25.0.255 3
@	1-0:63.7.0.255 3
@	1-0:63.25.0.255 3
@	1-0:64.7.0.255 3
@	1-0:64.25.0.255 3
@	1-0:65.7.0.255 3
@	1-0:66.7.0.255 3
@	1-0:67.7.0.255 3

	@	1-0:68.7.0.255 3	
	@	1-0:69.7.0.255 3	
	@	1-0:70.7.0.255 3	
	@1425	1-0:71.7.0.255 3	Instantaneous current L3
	@	1-0:71.7.124.255 3	
	@	1-0:71.25.0.255 3	
	@1413	1-0:72.7.0.255 3	Instantaneous voltage L3
	@	1-0:72.7.124.255 3	
	@1419	1-0:72.24.0.255 3	Average voltage L3
	@	1-0:72.24.124.255 3	
	@	1-0:72.25.0.255 3	
	@	1-0:72.25.128.255 3	
	@1229	1-0:72.33.0.255 3	Duration of last voltage sag in phase L3
	@1247	1-0:72.34.0.255 3	Magnitude of last voltage sag in phase L3
	@1289	1-0:72.37.0.255 3	Duration of last voltage swell in phase L3
	@1307	1-0:72.38.0.255 3	Magnitude of last voltage swell in phase
L3	@	1-0:72.41.0.255 3	
	@	1-0:72.42.0.255 3	
	@	1-0:72.43.0.255 3	
	@	1-0:73.7.0.255 3	
	@	1-0:73.25.0.255 3	
	@	1-0:75.7.0.255 3	
	@	1-0:81.7.0.255 3	
	@	1-0:81.7.1.255 3	
	@	1-0:81.7.2.255 3	
	@	1-0:81.7.4.255 3	
	@	1-0:81.7.10.255 3	
	@	1-0:81.7.15.255 3	
	@	1-0:81.7.20.255 3	
	@	1-0:81.7.21.255 3	
	@	1-0:81.7.26.255 3	
	@	1-0:81.7.40.255 3	
	@	1-0:81.7.51.255 3	
	@	1-0:81.7.62.255 3	
	@1444	1-0:90.7.0.255 3	Instantaneous current (sum over all
phases)	@	1-0:94.48.140.255 3	
	@	1-0:94.48.141.255 3	
	@	1-0:94.48.142.255 3	
	@	1-0:94.48.143.255 3	
	@	1-0:94.48.150.255 3	
	@	1-0:94.48.155.255 3	
	@	1-0:94.48.156.255 3	
	@	1-0:128.44.0.255 3	
	@853	1-0:1.5.0.255 4	Last Average Demand Register 1 - Active
energy import (+A)	@	1-0:1.5.1.255 4	
	@	1-0:1.5.2.255 4	
	@	1-0:1.5.3.255 4	
	@	1-0:1.5.4.255 4	
	@901	1-0:1.6.0.255 4	Maximum Demand Register 1 - Active energy
import (+A)	@909	1-0:1.6.1.255 4	Maximum Demand Register 2 - Active energy

import (+A) - rate 1	
@917 1-0:1.6.2.255 4	Maximum Demand Register 3 - Active energy
import (+A) - rate 2	
@925 1-0:1.6.3.255 4	Maximum Demand Register 4 - Active energy
import (+A) - rate 3	
@933 1-0:1.6.4.255 4	Maximum Demand Register 5 - Active energy
import (+A) - rate 4	
@861 1-0:2.5.0.255 4	Last Average Demand Register 2 - Active
energy export (-A)	
@ 1-0:2.5.1.255 4	
@ 1-0:2.5.2.255 4	
@ 1-0:2.5.3.255 4	
@ 1-0:2.5.4.255 4	
@941 1-0:2.6.0.255 4	Maximum Demand Register 6 - Active energy
export (-A)	
@949 1-0:2.6.1.255 4	Maximum Demand Register 7 - Active energy
export (-A) - rate 1	
@957 1-0:2.6.2.255 4	Maximum Demand Register 8 - Active energy
export (-A) - rate 2	
@965 1-0:2.6.3.255 4	Maximum Demand Register 9 - Active energy
export (-A) - rate 3	
@973 1-0:2.6.4.255 4	Maximum Demand Register 10 - Active energy
export (-A) - rate 4	
@869 1-0:3.5.0.255 4	Last Average Demand Register 3 - Reactive
energy import (+R)	
@ 1-0:3.5.1.255 4	
@ 1-0:3.5.2.255 4	
@ 1-0:3.5.3.255 4	
@ 1-0:3.5.4.255 4	
@981 1-0:3.6.0.255 4	Maximum Demand Register 11 - Reactive
energy import (+R)	
@989 1-0:3.6.1.255 4	Maximum Demand Register 12 - Reactive
energy import (+R) - rate 1	
@997 1-0:3.6.2.255 4	Maximum Demand Register 13 - Reactive
energy import (+R) - rate 2	
@1005 1-0:3.6.3.255 4	Maximum Demand Register 14 - Reactive
energy import (+R) - rate 3	
@1013 1-0:3.6.4.255 4	Maximum Demand Register 15 - Reactive
energy import (+R) - rate 4	
@877 1-0:4.5.0.255 4	Last Average Demand Register 4 - Reactive
energy export (-R)	
@ 1-0:4.5.1.255 4	
@ 1-0:4.5.2.255 4	
@ 1-0:4.5.3.255 4	
@ 1-0:4.5.4.255 4	
@1021 1-0:4.6.0.255 4	Maximum Demand Register 16 - Reactive
energy export (-R)	
@1029 1-0:4.6.1.255 4	Maximum Demand Register 17 - Reactive
energy export (-R) - rate 1	
@1037 1-0:4.6.2.255 4	Maximum Demand Register 18 - Reactive
energy export (-R) - rate 2	
@1045 1-0:4.6.3.255 4	Maximum Demand Register 19 - Reactive
energy export (-R) - rate 3	
@1053 1-0:4.6.4.255 4	Maximum Demand Register 20 - Reactive

energy export (-R) - rate 4			
(+A)	@775	1-0:1.4.0.255 5	Demand Register 1 - Active energy import
	@1498	1-0:1.24.0.255 5	Average Import Power (+A)
(-A)	@788	1-0:2.4.0.255 5	Demand Register 2 - Active energy export
(+R)	@801	1-0:3.4.0.255 5	Demand Register 3 - Reactive energy import
(-R)	@814	1-0:4.4.0.255 5	Demand Register 4 - Reactive energy export
	@1524	1-0:15.24.0.255 5	Average Total Power ( +A + -A )
supervision)	@1369	1-0:31.4.0.255 5	Sliding Average current L1 (for fuse
supervision)	@1400	1-0:51.4.0.255 5	Sliding Average current L2 (for fuse
supervision)	@1431	1-0:71.4.0.255 5	Sliding Average current L3 (for fuse
	@129	0-0:14.0.1.255 6	Register activation - Energy
	@135	0-0:14.0.2.255 6	Register activation - Maximum Demand
	@	0-0:21.0.0.255 7	
	@	0-0:21.0.1.255 7	
	@	0-0:21.0.2.255 7	
	@158	0-0:98.1.0.255 7	Data of billing period 1
	@301	0-0:99.98.0.255 7	Standard Event Log
	@316	0-0:99.98.1.255 7	Fraud Detection Log
	@193	0-0:99.98.2.255 7	Disconnecter Control Log
	@1340	0-0:99.98.4.255 7	Power Quality Log
	@331	0-0:99.98.5.255 7	Communication Log
	@	0-0:99.98.6.255 7	
	@	0-0:99.98.101.255 7	
	@1146	1-0:99.1.0.255 7	Load profile with period 1 i.e. General
Load Profile			
	@1161	1-0:99.2.0.255 7	Load profile with period 2 i.e. Daily
Values Profile			
	@	1-0:99.3.0.255 7	
	@	1-0:99.14.0.255 7	
	@1325	1-0:99.97.0.255 7	Power Failure Event Log
	@75	0-0:1.0.0.255 8	Clock
	@147	0-0:10.0.1.255 9	Predefined Scripts - MDI reset / end of
billing period			
	@141	0-0:10.0.100.255 9	Tariffication script table
	@176	0-0:10.0.106.255 9	Disconnecter script table
	@407	0-0:10.0.107.255 9	Predefined Scripts - Image activation
	@2139	0-0:10.0.108.255 9	Push script table
	@	0-0:10.0.128.255 9	
	@	0-0:94.43.130.255 9	
	@	0-2:10.0.1.255 9	
	@	0-2:10.0.128.255 9	
	@	0-2:10.0.129.255 9	
	@125	0-0:11.0.0.255 11	Special Days Table
	@9	0-0:40.0.0.255 15	Current association
	@4	0-0:41.0.0.255 17	SAP Assignment
	@388	0-0:44.0.0.255 18	Image transfer
	@	0-0:44.0.1.255 18	

```

@2001 0-0:20.0.0.255|19 IEC local port setup - IEC Optical port
@112 0-0:13.0.0.255|20 Activity Calendar
@ 0-0:13.0.1.255|20
@273 0-0:16.1.0.255|21 Alarm Monitor 1
@291 0-0:16.1.1.255|21 Alarm Monitor 2
@238 1-0:31.4.0.255|21 Supervision monitor 1 - Fuse supervision
L1
@244 1-0:51.4.0.255|21 Supervision monitor 2 - Fuse supervision
L2
@250 1-0:71.4.0.255|21 Supervision monitor 3 - Fuse supervision
L3
@152 0-0:15.0.0.255|22 End of billing period 1 scheduler
@170 0-0:15.0.1.255|22 Disconnect control scheduler
@401 0-0:15.0.2.255|22 Image transfer activation scheduler
@ 0-0:15.0.128.255|22
@ 0-0:94.43.129.255|22
@2144 0-1:15.0.4.255|22 Push action scheduler - Interval_1
@2150 0-2:15.0.4.255|22 Push action scheduler - Interval_2
@2156 0-3:15.0.4.255|22 Push action scheduler - Interval_3
@ 0-5:15.0.4.255|22
@2012 0-0:22.0.0.255|23 IEC HDLC setup - HDLC Optical port
@376 0-1:22.0.0.255|23 IEC HDLC setup - Consumer Information
Interface
@2163 0-0:2.1.0.255|29 Auto connect
@2109 0-0:25.9.0.255|40 Push setup - On Connectivity
@2069 0-1:25.9.0.255|40 Push setup - Interval_1
@2079 0-2:25.9.0.255|40 Push setup - Interval_2
@2089 0-3:25.9.0.255|40 Push setup - Interval_3
@2099 0-4:25.9.0.255|40 Push setup - On Alarm
@2119 0-7:25.9.0.255|40 Push setup - On Installation
@2024 0-0:25.0.0.255|41 TCP-UDP setup
@2172 0-0:25.2.0.255|43 MAC address setup
@2047 0-0:25.7.0.255|48 IPv6 setup
@24 0-0:43.0.0.255|64 Security setup
@367 0-0:43.0.1.255|64 Security setup - Consumer Information
@ 0-0:43.0.2.255|64
@ 0-0:43.0.3.255|64
@ 0-0:43.0.4.255|64
@ 0-0:43.0.5.255|64
@ 0-0:43.0.6.255|64
@181 0-0:96.3.10.255|70 Disconnect control
@225 0-0:17.0.0.255|71 Limiter
@2199 0-0:29.0.0.255|90 G3-PLC MAC layer counters
@2212 0-0:29.1.0.255|91 G3-PLC MAC setup
@2237 0-0:29.2.0.255|92 G3-PLC MAC 6LoWPAN adaptation layer setup
@ 0-0:44.2.0.255|124
@ 0-1:44.2.0.255|124
@ 0-2:44.2.0.255|124

```

```

*****
Test Case 4 : Get public attributes, 15 item(s)
*****

```

Public Get SAP Assignment 0-0:41.0.0.255 (@4)



```
(1) .logical_name
PASSED
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
(2) .SAP_assignment_list
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <OctetString Value="\KFM1030199000059" />
      </Structure>
    </Array>
  </Data>

Public Get Current association 0-0:40.0.0.255 (@9)
(3) .logical_name
PASSED
  <Data>
    <OctetString Value="0000280000FF" />
  </Data>
(4) .associated_partners_id
PASSED
  <Data>
    <Structure Qty="0002" >
      <Integer Value="10" />
      <LongUnsigned Value="0001" />
    </Structure>
  </Data>
(5) .application_context_name
PASSED
  <Data>
    <OctetString Value="60857405080101" />
  </Data>
(6) .xDLMS_context_info
PASSED
  <Data>
    <Structure Qty="0006" >
      <BitString Value="0000000000010000000010000" />
      <LongUnsigned Value="04C8" />
      <LongUnsigned Value="04C8" />
      <Unsigned Value="06" />
      <Integer Value="00" />
      <OctetString Value="" />
    </Structure>
  </Data>
(7) .authentication_mechanism_name
PASSED
  <Data>
    <OctetString Value="60857405080200" />
  </Data>
(8) .association_status
PASSED
```

```
    <Data>
      <Enum Value="02" />
    </Data>
```

```
(9) .security_setup_reference
PASSED
```

```
    <Data>
      <OctetString Value="00002B0000FF" />
    </Data>
```

```
Public Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255
(@33)
```

```
(10) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="00002B0101FF" />
    </Data>
```

```
(11) .value
PASSED
```

```
    <Data>
      <DoubleLongUnsigned Value="74F8450C" />
    </Data>
```

```
Public Get Security - Receive frame counter - unicast key 0-0:43.1.0.255
(@37)
```

```
(12) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="00002B0100FF" />
    </Data>
```

```
(13) .value
PASSED
```

```
    <Data>
      <DoubleLongUnsigned Value="74FD1609" />
    </Data>
```

```
Public Get COSEM logical device name 0-0:42.0.0.255 (@42)
```

```
(14) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="00002A0000FF" />
    </Data>
```

```
(15) .value
PASSED
```

```
    <Data>
      <OctetString Value="\KFM1030199000059" />
    </Data>
```

```
*****
Test Case 5 : Get mngmt attributes, 1314 item(s)
*****
```

```
Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
```

```
(1) .logical_name
PASSED
```

```

    <Data>
      <OctetString Value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list
PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <OctetString Value="\KFM1030199000059" />
        </Structure>
      </Array>
    </Data>

Mngmt Get Current association 0-0:40.0.0.255 (@9)
(3) .logical_name
PASSED
    <Data>
      <OctetString Value="0000280000FF" />
    </Data>
(4) .associated_partners_id
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="01" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Data>
(5) .application_context_name
PASSED
    <Data>
      <OctetString Value="60857405080103" />
    </Data>
(6) .xDLMS_context_info
PASSED
    <Data>
      <Structure Qty="0006" >
        <BitString Value="011000000001101011011101" />
        <LongUnsigned Value="04C8" />
        <LongUnsigned Value="04C8" />
        <Unsigned Value="06" />
        <Integer Value="00" />
        <OctetString Value="" />
      </Structure>
    </Data>
(7) .authentication_mechanism_name
PASSED
    <Data>
      <OctetString Value="60857405080205" />
    </Data>
(8) .association_status
PASSED
    <Data>
      <Enum Value="02" />

```

```
        </Data>
(9) .security_setup_reference
PASSED
    <Data>
        <OctetString Value="00002B0000FF" />
    </Data>

Mngmt Get Security setup 0-0:43.0.0.255 (@24)
(10) .logical_name
PASSED
    <Data>
        <OctetString Value="00002B0000FF" />
    </Data>
(11) .security_policy
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(12) .security_suite
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(13) .client_system_title
PASSED
    <Data>
        <OctetString Value="58585A0102030405" />
    </Data>
(14) .server_system_title
PASSED
    <Data>
        <OctetString Value="4B464D6715E69EFB" />
    </Data>

Mngmt Get Security - Receive frame counter - broadcast key 0-0:43.1.1.255
(@33)
(15) .logical_name
PASSED
    <Data>
        <OctetString Value="00002B0101FF" />
    </Data>
(16) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="74F8450C" />
    </Data>

Mngmt Get Security - Receive frame counter - unicast key 0-0:43.1.0.255
(@37)
(17) .logical_name
PASSED
    <Data>
        <OctetString Value="00002B0100FF" />
    </Data>
```

(18) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="74FD19A1" />
</Data>
```

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)

(19) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00002A0000FF" />
</Data>
```

(20) .value

PASSED

```
<Data>
  <OctetString Value="\KFM1030199000059" />
</Data>
```

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)

(21) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600100FF" />
</Data>
```

(22) .value

PASSED

```
<Data>
  <OctetString Value="\99000059" />
</Data>
```

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)

(23) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600101FF" />
</Data>
```

(24) .value

PASSED

```
<Data>
  <OctetString Value="\230399000059" />
</Data>
```

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)

(25) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600102FF" />
</Data>
```

(26) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)

(27) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600103FF" />
</Data>
```

(28) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)

(29) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600104FF" />
</Data>
```

(30) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)

(31) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600105FF" />
</Data>
```

(32) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Currently active energy tariff 0-0:96.14.0.255 (@70)

(33) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600E00FF" />
</Data>
```

(34) .value

PASSED

```
<Data>
  <OctetString Value="\T1" />
</Data>
```

Mngmt Get Clock 0-0:1.0.0.255 (@75)

(35) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000010000FF" />
</Data>
```

```
(36) .time
PASSED
    <Data>
        <OctetString Value="07E7090E0409151500800080" />
    </Data>
(37) .time_zone
PASSED
    <Data>
        <Long Value="FFC4" />
    </Data>
(38) .status
PASSED
    <Data>
        <Unsigned Value="80" />
    </Data>
(39) .daylights_savings_begin
PASSED
    <Data>
        <OctetString Value="FFFF03FE07020000008000FF" />
    </Data>
(40) .daylights_savings_end
PASSED
    <Data>
        <OctetString Value="FFFF0AFE07030000008000FF" />
    </Data>
(41) .daylights_savings_deviation
PASSED
    <Data>
        <Integer Value="3C" />
    </Data>
(42) .daylights_savings_enabled
PASSED
    <Data>
        <Boolean Value="01" />
    </Data>
(43) .clock_base
PASSED
    <Data>
        <Enum Value="01" />
    </Data>

Mngmt Get Local Time 1-0:0.9.1.255 (@86)
(44) .logical_name
PASSED
    <Data>
        <OctetString Value="0100000901FF" />
    </Data>
(45) .value
PASSED
    <Data>
        <OctetString Value="09151C00" />
    </Data>
```

Mngmt Get Local Date 1-0:0.9.2.255 (@90)

(46) .logical\_name  
PASSED  
    <Data>  
        <OctetString Value="0100000902FF" />  
    </Data>

(47) .value  
PASSED  
    <Data>  
        <OctetString Value="07E7090E04" />  
    </Data>

Mngmt Get Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(48) .logical\_name  
PASSED  
    <Data>  
        <OctetString Value="010000090BFF" />  
    </Data>

(49) .value  
PASSED  
    <Data>  
        <Unsigned Value="3C" />  
    </Data>

(50) .scaler\_unit  
PASSED  
    <Data>  
        <Structure Qty="0002" >  
            <Integer Value="00" />  
            <Enum Value="07" />  
        </Structure>  
    </Data>

Mngmt Get NTP setup 0-0:25.10.0.255 (@100)

(51) .logical\_name  
INAPPLICABLE  
    Optional object is not implemented

(52) .activated  
INAPPLICABLE  
    Optional object is not implemented

(53) .server\_address  
INAPPLICABLE  
    Optional object is not implemented

(54) .server\_port  
INAPPLICABLE  
    Optional object is not implemented

(55) .authentication\_method  
INAPPLICABLE  
    Optional object is not implemented

Mngmt Get Activity Calendar 0-0:13.0.0.255 (@112)

(56) .logical\_name  
PASSED  
    <Data>  
        <OctetString Value="00000D0000FF" />  
    </Data>



```

(57) .calendar_name_active
PASSED
  <Data>
    <OctetString Value="\1" />
  </Data>
(58) .season_profile_active
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0003" >
        <OctetString Value="\0" />
        <OctetString Value="FFFF0101FF00000000800000" />
        <OctetString Value="\0" />
      </Structure>
    </Array>
  </Data>
(59) .week_profile_table_active
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0008" >
        <OctetString Value="\0" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
      </Structure>
    </Array>
  </Data>
(60) .day_profile_table_active
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0002" >
        <Unsigned Value="00" />
        <Array Qty="0001" >
          <Structure Qty="0003" >
            <OctetString Value="00000000" />
            <OctetString Value="00000A0064FF" />
            <LongUnsigned Value="0001" />
          </Structure>
        </Array>
      </Structure>
    </Array>
  </Data>
(61) .calendar_name_passive
PASSED
  <Data>
    <OctetString Value="\CNP_CC83" />
  </Data>
(62) .season_profile_passive

```

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <OctetString Value="\0" />
      <OctetString Value="FFFF0101FF00000000800000" />
      <OctetString Value="\0" />
    </Structure>
  </Array>
</Data>
```

(63) .week\_profile\_table\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0008" >
      <OctetString Value="\0" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
    </Structure>
  </Array>
</Data>
```

(64) .day\_profile\_table\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Unsigned Value="00" />
      <Array Qty="0001" >
        <Structure Qty="0003" >
          <OctetString Value="00000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0001" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

(65) .activate\_passive\_calendar\_time

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)

(66) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00000B0000FF" />
</Data>
```

(67) .entries  
PASSED

```
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="001E" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001D" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001C" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001B" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001A" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0019" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0018" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0017" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0016" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0015" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

```
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
```

```
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0001" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>
```

Mngmt Get Register activation - Energy 0-0:14.0.1.255 (@129)  
(68) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="00000E0001FF" />
```

```
</Data>
(69) .register_assignment
PASSED
```

```
<Data>
  <Array Qty="0030" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010803FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010804FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020802FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020803FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020804FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030801FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030802FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030803FF" />
    </Structure>
    <Structure Qty="0002" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100030804FF" />
    </Structure>
    <Structure Qty="0002" >
```

```
<LongUnsigned Value="0003" />
<OctetString Value="0100040801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100040804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070802FF" />
</Structure>
```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090803FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090804FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0801FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0802FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0803FF" />
</Structure>
<Structure Qty="0002" >
```



```
    <LongUnsigned Value="0003" />
    <OctetString Value="01000A0804FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="01000F0801FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="01000F0802FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="01000F0803FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="01000F0804FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100100801FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100100802FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100100803FF" />
  </Structure>
  <Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <OctetString Value="0100100804FF" />
  </Structure>
</Array>
</Data>
```

(70) .mask\_list  
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\T1" />
      <Array Qty="000C" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
      </Array>
    </Structure>
  </Array>
```

```
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\T2" />
    <Array Qty="000C" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
        <Unsigned Value="2A" />
        <Unsigned Value="2E" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\T3" />
    <Array Qty="000C" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
        <Unsigned Value="13" />
        <Unsigned Value="17" />
        <Unsigned Value="1B" />
        <Unsigned Value="1F" />
        <Unsigned Value="23" />
        <Unsigned Value="27" />
        <Unsigned Value="2B" />
        <Unsigned Value="2F" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\T4" />
    <Array Qty="000C" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
        <Unsigned Value="14" />
        <Unsigned Value="18" />
        <Unsigned Value="1C" />
        <Unsigned Value="20" />
        <Unsigned Value="24" />
        <Unsigned Value="28" />
        <Unsigned Value="2C" />
        <Unsigned Value="30" />
    </Array>
```

```

        </Structure>
    </Array>
</Data>
(71) .active_mask
PASSED
    <Data>
        <OctetString Value="\T1" />
    </Data>

Mngmt Get Register activation - Maximum Demand 0-0:14.0.2.255 (@135)
(72) .logical_name
PASSED
    <Data>
        <OctetString Value="00000E0002FF" />
    </Data>
(73) .register_assignment
PASSED
    <Data>
        <Array Qty="0010" >
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010601FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010602FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010603FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100010604FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020601FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020602FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020603FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100020604FF" />
            </Structure>
            <Structure Qty="0002" >
                <LongUnsigned Value="0004" />
                <OctetString Value="0100030601FF" />
            </Structure>
        </Array>
    </Data>

```

```
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100030604FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040601FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040602FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040603FF" />
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <OctetString Value="0100040604FF" />
</Structure>
```

```
</Array>
```

```
</Data>
```

(74) .mask\_list  
PASSED

```
<Data>
```

```
<Array Qty="0004" >
  <Structure Qty="0002" >
    <OctetString Value="\T1" />
    <Array Qty="0004" >
      <Unsigned Value="01" />
      <Unsigned Value="05" />
      <Unsigned Value="09" />
      <Unsigned Value="0D" />
    </Array>
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="\T2" />
    <Array Qty="0004" >
      <Unsigned Value="02" />
      <Unsigned Value="06" />
      <Unsigned Value="0A" />
      <Unsigned Value="0E" />
    </Array>
  </Structure>
  <Structure Qty="0002" >
```

```

    <OctetString Value="\T3" />
    <Array Qty="0004" >
      <Unsigned Value="03" />
      <Unsigned Value="07" />
      <Unsigned Value="0B" />
      <Unsigned Value="0F" />
    </Array>
  </Structure>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="\T4" />
  <Array Qty="0004" >
    <Unsigned Value="04" />
    <Unsigned Value="08" />
    <Unsigned Value="0C" />
    <Unsigned Value="10" />
  </Array>
</Structure>
</Array>
</Data>
(75) .active_mask
PASSED
  <Data>
    <OctetString Value="\T1" />
  </Data>

Mngmt Get Tariffication script table 0-0:10.0.100.255 (@141)
(76) .logical_name
PASSED
  <Data>
    <OctetString Value="00000A0064FF" />
  </Data>
(77) .scripts
PASSED
  <Data>
    <Array Qty="0004" >
      <Structure Qty="0002" >
        <LongUnsigned Value="0001" />
        <Array Qty="0002" >
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\T1" />
          </Structure>
          <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\T1" />
          </Structure>
        </Array>
      </Structure>
    </Array>
  </Data>
</Structure>

```

```

<Structure Qty="0002" >
  <LongUnsigned Value="0002" />
  <Array Qty="0002" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\T2" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\T2" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0003" />
  <Array Qty="0002" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\T3" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\T3" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0004" />
  <Array Qty="0002" >
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\T4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\T4" />
    </Structure>
  </Array>
</Structure>

```

```
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

Mngmt Get Predefined Scripts - MDI reset / end of billing period  
0-0:10.0.1.255 (@147)

(78) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00000A0001FF" />
</Data>
```

(79) .scripts

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0003" >
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0007" />
          <OctetString Value="0000620100FF" />
          <Integer Value="02" />
          <Integer Value="00" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0004" />
          <OctetString Value="0100010600FF" />
          <Integer Value="01" />
          <Integer Value="00" />
        </Structure>
        <Structure Qty="0005" >
          <Enum Value="02" />
          <LongUnsigned Value="0004" />
          <OctetString Value="0100020600FF" />
          <Integer Value="01" />
          <Integer Value="00" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

Mngmt Get End of billing period 1 scheduler 0-0:15.0.0.255 (@152)

(80) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00000F0000FF" />
</Data>
```

(81) .executed\_script

PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A0001FF" />
    <LongUnsigned Value="0001" />
  </Structure>
</Data>
```

(82) .type

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

(83) .execution\_time

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <OctetString Value="00000000" />
      <OctetString Value="FFFFFF01FF" />
    </Structure>
  </Array>
</Data>
```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)

(84) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000620100FF" />
</Data>
```

(85) .capture\_objects

PASSED

```
<Data>
  <Array Qty="0005" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010802FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100020801FF" />
      <Integer Value="02" />
    </Structure>
  </Array>
```



```

        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(86) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(87) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(88) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(89) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000006" />
    </Data>
(90) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000D" />
    </Data>

Mngmt Get Disconnect control scheduler 0-0:15.0.1.255 (@170)
(91) .logical_name
PASSED
    <Data>
        <OctetString Value="00000F0001FF" />
    </Data>
(92) .executed_script
PASSED
    <Data>
        <Structure Qty="0002" >
            <OctetString Value="00000A006AFF" />
            <LongUnsigned Value="0003" />
        </Structure>

```

```
    </Data>
(93) .type
```

PASSED

```
    <Data>
      <Enum Value="01" />
    </Data>
```

```
(94) .execution_time
```

PASSED

```
    <Data>
      <Array Qty="0000" >
      </Array>
    </Data>
```

Mngmt Get Disconnecter script table 0-0:10.0.106.255 (@176)

```
(95) .logical_name
```

PASSED

```
    <Data>
      <OctetString Value="00000A006AFF" />
    </Data>
```

```
(96) .scripts
```

PASSED

```
    <Data>
      <Array Qty="0004" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="02" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0002" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="01" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
              <Integer Value="03" />
              <Enum Value="01" />
            </Structure>
          </Array>
        </Structure>
        <Structure Qty="0002" >
          <LongUnsigned Value="0003" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="02" />
              <LongUnsigned Value="0046" />
              <OctetString Value="000060030AFF" />
            </Structure>
          </Array>
        </Structure>
      </Array>
    </Data>
```

```
        <Integer Value="01" />
        <Enum Value="00" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0001" >
        <Structure Qty="0005" >
            <Enum Value="02" />
            <LongUnsigned Value="0046" />
            <OctetString Value="000060030AFF" />
            <Integer Value="02" />
            <Enum Value="00" />
        </Structure>
    </Array>
</Structure>
</Array>
</Data>
```

Mngmt Get Disconnect control 0-0:96.3.10.255 (@181)

(97) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="000060030AFF" />
    </Data>
```

(98) .output\_state

PASSED

```
    <Data>
        <Boolean Value="01" />
    </Data>
```

(99) .control\_state

PASSED

```
    <Data>
        <Enum Value="01" />
    </Data>
```

(100) .control\_mode

PASSED

```
    <Data>
        <Enum Value="04" />
    </Data>
```

Mngmt Get Event Object - Disconnect Control log 0-0:96.11.2.255 (@189)

(101) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0000600B02FF" />
    </Data>
```

(102) .value

PASSED

```
    <Data>
        <Enum Value="3D" />
    </Data>
```

Mngmt Get Disconnect Control Log 0-0:99.98.2.255 (@193)

(103) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000636202FF" />
</Data>
```

(104) .capture\_objects

PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B02FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(105) .capture\_period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(106) .sort\_method

PASSED

```
<Data>
  <Enum Value="01" />
</Data>
```

(107) .sort\_object

PASSED

```
<Data>
  <Structure Qty="0004" >
    <LongUnsigned Value="0000" />
    <OctetString Value="000000000000" />
    <Integer Value="00" />
    <LongUnsigned Value="0000" />
  </Structure>
</Data>
```

(108) .entries\_in\_use

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000000A" />
</Data>
```

(109) .profile\_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="000000C8" />
</Data>
```

```

Mngmt Get Load Mgmt script table 0-0:10.0.103.255 (@204)
(110) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(111) .scripts
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)
(112) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(113) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(114) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(115) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)
(116) .logical_name
INAPPLICABLE
    Optional object is not implemented
(117) .output_state
INAPPLICABLE
    Optional object is not implemented
(118) .control_state
INAPPLICABLE
    Optional object is not implemented
(119) .control_mode
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Limiter 0-0:17.0.0.255 (@225)
(120) .logical_name
PASSED
    <Data>
        <OctetString Value="0000110000FF" />
    </Data>
(121) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0003" />
            <OctetString Value="01005A0700FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
(122) .threshold_active
PASSED

```

```

    <Data>
      <LongUnsigned Value="287C" />
    </Data>
(123) .threshold_normal
PASSED
    <Data>
      <LongUnsigned Value="287C" />
    </Data>
(124) .treshold_emergency
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(125) .min_over_threshold_duration
PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(126) .min_under_threshold_duration
PASSED
    <Data>
      <DoubleLongUnsigned Value="000000B4" />
    </Data>
(127) .emergency_profile
PASSED
    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0000" />
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
        <DoubleLongUnsigned Value="00000E10" />
      </Structure>
    </Data>
(128) .emergency_profile_group_id_list
PASSED
    <Data>
      <Array Qty="0000" >
      </Array>
    </Data>
(129) .emergency_profile_active
PASSED
    <Data>
      <Boolean Value="00" />
    </Data>
(130) .actions
PASSED
    <Data>
      <Structure Qty="0002" >
        <Structure Qty="0002" >
          <OctetString Value="00000A006AFF" />
          <LongUnsigned Value="0001" />
        </Structure>
        <Structure Qty="0002" >
          <OctetString Value="00000A006AFF" />
          <LongUnsigned Value="0002" />
        </Structure>
      </Structure>
    </Data>

```

```
    </Structure>
  </Structure>
</Data>
```

Mngmt Get Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)

(131) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01001F0400FF" />
</Data>
```

(132) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Array>
</Data>
```

(133) .monitored\_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="01001F0400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(134) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Get Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)

(135) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100330400FF" />
</Data>
```

(136) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Array>
</Data>
```

```
        </Array>
    </Data>
(137) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0005" />
            <OctetString Value="0100330400FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
```

```
(138) .actions
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0001" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00000A006AFF" />
                    <LongUnsigned Value="0000" />
                </Structure>
            </Structure>
        </Array>
    </Data>
```

Mngmt Get Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)

```
(139) .logical_name
PASSED
    <Data>
        <OctetString Value="0100470400FF" />
    </Data>
```

```
(140) .thresholds
PASSED
    <Data>
        <Array Qty="0001" >
            <DoubleLongUnsigned Value="FFFFFFFF" />
        </Array>
    </Data>
```

```
(141) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0005" />
            <OctetString Value="0100470400FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
```

```
(142) .actions
PASSED
    <Data>
        <Array Qty="0001" >
```



```
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Get Error Register 0-0:97.97.0.255 (@257)  
(143) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0000616100FF" />
  </Data>
```

(144) .value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

Mngmt Get Alarm Register 1 0-0:97.98.0.255 (@261)  
(145) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0000616200FF" />
  </Data>
```

(146) .value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00002000" />
  </Data>
```

Mngmt Get Alarm Filter 1 0-0:97.98.10.255 (@265)  
(147) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="000061620AFF" />
  </Data>
```

(148) .value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Data>
```

Mngmt Get Alarm Descriptor 1 0-0:97.98.20.255 (@269)  
(149) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0000616214FF" />
```

```

    </Data>
(150) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00002001" />
    </Data>

Mngmt Get Alarm Monitor 1 0-0:16.1.0.255 (@273)
(151) .logical_name
PASSED
    <Data>
        <OctetString Value="0000100100FF" />
    </Data>
(152) .thresholds
PASSED
    <Data>
        <Array Qty="0001" >
            <DoubleLongUnsigned Value="00000000" />
        </Array>
    </Data>
(153) .monitored_value
PASSED
    <Data>
        <Structure Qty="0003" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000616214FF" />
            <Integer Value="02" />
        </Structure>
    </Data>
(154) .actions
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0002" >
                <Structure Qty="0002" >
                    <OctetString Value="00000A006CFF" />
                    <LongUnsigned Value="0004" />
                </Structure>
                <Structure Qty="0002" >
                    <OctetString Value="00000A006CFF" />
                    <LongUnsigned Value="0000" />
                </Structure>
            </Structure>
        </Array>
    </Data>

Mngmt Get Alarm Register 2 0-0:97.98.1.255 (@279)
(155) .logical_name
PASSED
    <Data>
        <OctetString Value="0000616201FF" />
    </Data>
(156) .value
PASSED

```

```

    <Data>
      <DoubleLongUnsigned Value="0004008F" />
    </Data>

Mngmt Get Alarm Filter 2 0-0:97.98.11.255 (@283)
(157) .logical_name
PASSED
    <Data>
      <OctetString Value="000061620BFF" />
    </Data>
(158) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="FFFFFFFF" />
    </Data>

Mngmt Get Alarm Descriptor 2 0-0:97.98.21.255 (@287)
(159) .logical_name
PASSED
    <Data>
      <OctetString Value="0000616215FF" />
    </Data>
(160) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="0004008F" />
    </Data>

Mngmt Get Alarm Monitor 2 0-0:16.1.1.255 (@291)
(161) .logical_name
PASSED
    <Data>
      <OctetString Value="0000100101FF" />
    </Data>
(162) .thresholds
PASSED
    <Data>
      <Array Qty="0001" >
        <DoubleLongUnsigned Value="00000000" />
      </Array>
    </Data>
(163) .monitored_value
PASSED
    <Data>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="0000616215FF" />
        <Integer Value="02" />
      </Structure>
    </Data>
(164) .actions
PASSED
    <Data>
      <Array Qty="0001" >

```

```
<Structure Qty="0002" >
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0004" />
  </Structure>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0000" />
  </Structure>
</Structure>
</Array>
</Data>
```

Mngmt Get Event Object - Standard Event Log 0-0:96.11.0.255 (@297)  
(165) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0000600B00FF" />
</Data>
```

(166) .value  
PASSED

```
<Data>
  <Enum Value="05" />
</Data>
```

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)  
(167) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0000636200FF" />
</Data>
```

(168) .capture\_objects  
PASSED

```
<Data>
  <Array Qty="0002" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0001" />
      <OctetString Value="0000600B00FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
```

(169) .capture\_period  
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(170) .sort\_method  
PASSED

```
<Data>  
  <Enum Value="01" />  
</Data>
```

(171) .sort\_object  
PASSED

```
<Data>  
  <Structure Qty="0004" >  
    <LongUnsigned Value="0000" />  
    <OctetString Value="000000000000" />  
    <Integer Value="00" />  
    <LongUnsigned Value="0000" />  
  </Structure>  
</Data>
```

(172) .entries\_in\_use  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000024" />  
</Data>
```

(173) .profile\_entries  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="000000C8" />  
</Data>
```

Mngmt Get Event Object - Fraud Detection Log 0-0:96.11.1.255 (@312)

(174) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0000600B01FF" />  
</Data>
```

(175) .value  
PASSED

```
<Data>  
  <Enum Value="29" />  
</Data>
```

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)

(176) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0000636201FF" />  
</Data>
```

(177) .capture\_objects  
PASSED

```
<Data>  
  <Array Qty="0002" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>
```

```

        <Structure Qty="0004" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000600B01FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Array>
</Data>
(178) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(179) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(180) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(181) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000000B" />
    </Data>
(182) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Event Object - Communication Log 0-0:96.11.5.255 (@327)
(183) .logical_name
PASSED
    <Data>
        <OctetString Value="0000600B05FF" />
    </Data>
(184) .value
PASSED
    <Data>
        <Enum Value="9E" />
    </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(185) .logical_name
PASSED

```

```

    <Data>
      <OctetString Value="0000636205FF" />
    </Data>
(186) .capture_objects
PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B05FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
      </Array>
    </Data>
(187) .capture_period
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(188) .sort_method
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(189) .sort_object
PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(190) .entries_in_use
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000013" />
    </Data>
(191) .profile_entries
PASSED
    <Data>
      <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)
(192) .logical_name

```

PASSED

```
<Data>
  <OctetString Value="0000600D01FF" />
</Data>
```

(193) .value

PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Mngmt Get Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)

(194) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600D00FF" />
</Data>
```

(195) .value

PASSED

```
<Data>
  <OctetString
```

```
Value="\XDNFLOOJLXLAMQULSGMZNVYYLTCFWTZTSVPTCFZMLUZNBILQKWCHWDMFSBWIRNRQZQGPFW
AILAJORUNIQBMSPBYAUVUFDJCTAJMQCTTWUXJFYXYXXWKSYSAXUSCLDVHRANRIRFNWHRXOKPEBCRNC
ARWNJSSNWXPOVNXXIMLQSMJVUXQPQJDHZGPRAYQXDPCSJDUXNWMIOPWRSWUWNHOMFUDGNSCLVVESVEIV
MIHWKMALQYKMNBBZIPIYQDVQDKQAMQDVXGFWHDFBCOMBKYCMWRGKYBNFKTYKGRAP00ASXYOESLECI MF
AULOWRMTZYKJBVOSFFDUYXQPGORGIBAXNSAJLLMKQTZTSJKLSPVPOBDIACRCYXRHDIQHDRNSRMEUQFO
LWNKXWMLLUTTGPLEWRWHDJNF CVRSGQDNWLBKGNKJBAELVCEQDROPLTNPHLQUTJXQEFTCWA0YMMVXPEM
AMWZOHRXDQJHRKZGDT SADBIXTDBB MEDYVPJWXQENQYELVDDG CUDSCVYDJQXNRXJOGIVKTXQAUUXCWSAQ
QVTEYTSJFZKDQM HIXNQMKDWREXQZCWGJMPNTYAMPOGEDQILSYZZEEHGJJRTALVADFMSSJUUSJL GQKBA
BGWMQNUETLBNCEYHLAODPLHSTCIEAVKSDXMLKVMPS EDPSCANPNROYXLNMTRNYFXVGSFKRIRCYJKAZWL
YZDMOMPJAXEWYSSZYDKVMATXJJGJGXTLAXTIZWMTASIVMGWDZJCHTSAYITTTIISAIQRZFRNBWECMVUOEZ
GJN I KTRZVEZXSALBLHERPINBQFKBWFDMOGOWYRZRILDKOAFXJUYGWT DANINHPOJUKNKQROKLETIUAKG
HPLCQYJSMEVJZKUNRFNDIBJFRIWDQBMDQE ZBKATVQRENJEOLZGAUUXPAUSBNGYPOTDVCBAXPQLWVFXLE
ZUPJXVJCDTTUNZEHLHLGLTKJURCWCTJASNUBGDWH TQAWPDOAJLKB LQXV D KAMDHEBLVPMHM" />
```

```
</Data>
```

Mngmt Get Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)

(196) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(197) .executed\_script

INAPPLICABLE

Object is not required according to OM and/or extensions

(198) .type

INAPPLICABLE

Object is not required according to OM and/or extensions

(199) .execution\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Push setup - Consumer Information 0-6:25.9.0.255 (@357)

(200) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(201) .push\_object\_list



INAPPLICABLE

Object is not required according to OM and/or extensions  
(202) .send\_destination\_and\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(203) .communication\_window

INAPPLICABLE

Object is not required according to OM and/or extensions  
(204) .randomisation\_start\_interval

INAPPLICABLE

Object is not required according to OM and/or extensions  
(205) .number\_of\_retries

INAPPLICABLE

Object is not required according to OM and/or extensions  
(206) .repetition\_delay

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Security setup - Consumer Information 0-0:43.0.1.255 (@367)  
(207) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(208) .security\_policy

INAPPLICABLE

Object is not required according to OM and/or extensions  
(209) .security\_suite

INAPPLICABLE

Object is not required according to OM and/or extensions  
(210) .client\_system\_title

INAPPLICABLE

Object is not required according to OM and/or extensions  
(211) .server\_system\_title

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255  
(@376)

(212) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(213) .comm\_speed

INAPPLICABLE

Object is not required according to OM and/or extensions  
(214) .window\_size\_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(215) .window\_size\_receive

INAPPLICABLE

Object is not required according to OM and/or extensions  
(216) .max\_info\_field\_lenght\_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(217) .max\_info\_field\_lenght\_receive

INAPPLICABLE

Object is not required according to OM and/or extensions  
(218) .inter\_octet\_time\_out  
INAPPLICABLE

Object is not required according to OM and/or extensions  
(219) .inactivity\_time\_out  
INAPPLICABLE

Object is not required according to OM and/or extensions  
(220) .device\_address  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Image transfer 0-0:44.0.0.255 (@388)

(221) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00002C0000FF" />
</Data>
```

(222) .image\_block\_size

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000200" />
</Data>
```

(223) .image\_transferred\_block\_status

PASSED

```
<Data>
  <BitString Value="" />
</Data>
```

(224) .image\_first\_not\_transferred\_block\_number

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(225) .image\_transfer\_enabled

PASSED

```
<Data>
  <Boolean Value="01" />
</Data>
```

(226) .image\_transfer\_status

PASSED

```
<Data>
  <Enum Value="00" />
</Data>
```

(227) .image\_to\_activate\_info

PASSED

```
<Data>
  <Array Qty="0000" >
    </Array>
</Data>
```

Mngmt Get Image transfer activation scheduler 0-0:15.0.2.255 (@401)

(228) .logical\_name

PASSED

```
<Data>
  <OctetString Value="00000F0002FF" />
```

```

    </Data>
(229) .executed_script
PASSED
    <Data>
      <Structure Qty="0002" >
        <OctetString Value="00000A006BFF" />
        <LongUnsigned Value="0001" />
      </Structure>
    </Data>
(230) .type
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(231) .execution_time
PASSED
    <Data>
      <Array Qty="0000" >
      </Array>
    </Data>

Mngmt Get Predefined Scripts - Image activation 0-0:10.0.107.255 (@407)
(232) .logical_name
PASSED
    <Data>
      <OctetString Value="00000A006BFF" />
    </Data>
(233) .scripts
PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned Value="0001" />
          <Array Qty="0001" >
            <Structure Qty="0005" >
              <Enum Value="02" />
              <LongUnsigned Value="0012" />
              <OctetString Value="00002C0000FF" />
              <Integer Value="04" />
              <Integer Value="00" />
            </Structure>
          </Array>
        </Structure>
      </Array>
    </Data>

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(234) .logical_name
PASSED
    <Data>
      <OctetString Value="0100000200FF" />
    </Data>
(235) .value
PASSED

```

```
<Data>
  <OctetString Value="\100001" />
</Data>
```

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)  
(236) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100000208FF" />
</Data>
```

(237) .value  
PASSED

```
<Data>
  <OctetString Value="E81046B9" />
</Data>
```

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)  
(238) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0101000200FF" />
</Data>
```

(239) .value  
PASSED

```
<Data>
  <OctetString Value="\110014" />
</Data>
```

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)  
(240) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0101000208FF" />
</Data>
```

(241) .value  
PASSED

```
<Data>
  <OctetString Value="F8CBBDDA" />
</Data>
```

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)  
(242) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0102000200FF" />
</Data>
```

(243) .value  
PASSED

```
<Data>
  <OctetString Value="\096011" />
</Data>
```

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)  
(244) .logical\_name

INAPPLICABLE

Optional object is not implemented

(245) .value

INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy import (+A) 1-0:1.8.0.255 (@437)

(246) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100010800FF" />
</Data>
```

(247) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(248) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy export (-A) 1-0:2.8.0.255 (@443)

(249) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020800FF" />
</Data>
```

(250) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(251) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy (|+A|+|-A|) Combined total 1-0:15.8.0.255 (@449)

(252) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01000F0800FF" />
</Data>
```

(253) .value

PASSED

```

    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(254) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1E" />
      </Structure>
    </Data>

Mngmt Get Active energy (|+A|-|-A|) Combined total 1-0:16.8.0.255 (@455)
(255) .logical_name
PASSED
    <Data>
      <OctetString Value="0100100800FF" />
    </Data>
(256) .value
PASSED
    <Data>
      <DoubleLong Value="00000000" />
    </Data>
(257) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1E" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QI (+Ri) 1-0:5.8.0.255 (@461)
(258) .logical_name
PASSED
    <Data>
      <OctetString Value="0100050800FF" />
    </Data>
(259) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(260) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy QII (+Rc) 1-0:6.8.0.255 (@467)
(261) .logical_name

```

PASSED

```
<Data>
  <OctetString Value="0100060800FF" />
</Data>
```

(262) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(263) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy QIII (-Ri) 1-0:7.8.0.255 (@473)

(264) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100070800FF" />
</Data>
```

(265) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(266) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy QIV (-Rc) 1-0:8.8.0.255 (@479)

(267) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100080800FF" />
</Data>
```

(268) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(269) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
  </Structure>
</Data>
```

```

        <Enum Value="20" />
    </Structure>
</Data>

Mngmt Get Reactive energy import (+R) (QI+QII) 1-0:3.8.0.255 (@485)
(270) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030800FF" />
    </Data>
(271) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(272) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy export (-R) (QIII+QIV) 1-0:4.8.0.255 (@491)
(273) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040800FF" />
    </Data>
(274) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(275) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Apparent energy import (+VA) (QI+QIV) 1-0:9.8.0.255 (@497)
(276) .logical_name
PASSED
    <Data>
        <OctetString Value="0100090800FF" />
    </Data>
(277) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />

```



```

    </Data>
(278) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1F" />
        </Structure>
    </Data>

Mngmt Get Apparent energy export (-VA) (QII+QIII) 1-0:10.8.0.255 (@503)
(279) .logical_name
PASSED
    <Data>
        <OctetString Value="01000A0800FF" />
    </Data>
(280) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(281) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1F" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 1 1-0:1.8.1.255 (@510)
(282) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010801FF" />
    </Data>
(283) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(284) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 2 1-0:1.8.2.255 (@516)
(285) .logical_name
PASSED
    <Data>

```

```

        <OctetString Value="0100010802FF" />
    </Data>
(286) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(287) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 3 1-0:1.8.3.255 (@522)
(288) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010803FF" />
    </Data>
(289) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(290) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>
    </Data>

Mngmt Get Active energy import (+A) rate 4 1-0:1.8.4.255 (@528)
(291) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010804FF" />
    </Data>
(292) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(293) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1E" />
        </Structure>

```

</Data>

Mngmt Get Active energy export (-A) rate 1 1-0:2.8.1.255 (@534)  
(294) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100020801FF" />  
</Data>

(295) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(296) .scaler\_unit

PASSED

<Data>  
 <Structure Qty="0002" >  
 <Integer Value="00" />  
 <Enum Value="1E" />  
 </Structure>  
</Data>

Mngmt Get Active energy export (-A) rate 2 1-0:2.8.2.255 (@540)  
(297) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100020802FF" />  
</Data>

(298) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(299) .scaler\_unit

PASSED

<Data>  
 <Structure Qty="0002" >  
 <Integer Value="00" />  
 <Enum Value="1E" />  
 </Structure>  
</Data>

Mngmt Get Active energy export (-A) rate 3 1-0:2.8.3.255 (@546)  
(300) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100020803FF" />  
</Data>

(301) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(302) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Active energy export (-A) rate 4 1-0:2.8.4.255 (@552)  
(303) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020804FF" />
</Data>
```

(304) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(305) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1E" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 1 1-0:3.8.1.255 (@558)  
(306) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100030801FF" />
</Data>
```

(307) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(308) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (+R) rate 2 1-0:3.8.2.255 (@564)  
(309) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100030802FF" />
</Data>
```

(310) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(311) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (+R) rate 3 1-0:3.8.3.255 (@570)

(312) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100030803FF" />  
</Data>
```

(313) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(314) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (+R) rate 4 1-0:3.8.4.255 (@576)

(315) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100030804FF" />  
</Data>
```

(316) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(317) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="20" />  
  </Structure>  
</Data>
```

Mngmt Get Reactive energy (-R) rate 1 1-0:4.8.1.255 (@582)  
(318) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100040801FF" />
</Data>
```

(319) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(320) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 2 1-0:4.8.2.255 (@588)

(321) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100040802FF" />
</Data>
```

(322) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(323) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (-R) rate 3 1-0:4.8.3.255 (@594)

(324) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100040803FF" />
</Data>
```

(325) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(326) .scaler\_unit

PASSED

```
<Data>
```

```
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (-R) rate 4 1-0:4.8.4.255 (@600)  
(327) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0100040804FF" />
  </Data>
```

(328) .value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(329) .scaler\_unit  
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (QI) rate 1 1-0:5.8.1.255 (@606)  
(330) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0100050801FF" />
  </Data>
```

(331) .value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(332) .scaler\_unit  
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="20" />
    </Structure>
  </Data>
```

Mngmt Get Reactive energy (QI) rate 2 1-0:5.8.2.255 (@612)  
(333) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0100050802FF" />
  </Data>
```

(334) .value  
PASSED

```

    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(335) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy (QI) rate 3 1-0:5.8.3.255 (@618)
(336) .logical_name
PASSED
    <Data>
      <OctetString Value="0100050803FF" />
    </Data>
(337) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(338) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy (QI) rate 4 1-0:5.8.4.255 (@624)
(339) .logical_name
PASSED
    <Data>
      <OctetString Value="0100050804FF" />
    </Data>
(340) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(341) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="20" />
      </Structure>
    </Data>

Mngmt Get Reactive energy (QII) rate 1 1-0:6.8.1.255 (@630)
(342) .logical_name

```



PASSED

```
<Data>
  <OctetString Value="0100060801FF" />
</Data>
```

(343) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(344) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (QII) rate 2 1-0:6.8.2.255 (@636)

(345) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100060802FF" />
</Data>
```

(346) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(347) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="20" />
  </Structure>
</Data>
```

Mngmt Get Reactive energy (QII) rate 3 1-0:6.8.3.255 (@642)

(348) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100060803FF" />
</Data>
```

(349) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(350) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
  </Structure>
</Data>
```

```
        <Enum Value="20" />
    </Structure>
</Data>
```

Mngmt Get Reactive energy (QII) rate 4 1-0:6.8.4.255 (@648)  
(351) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100060804FF" />
    </Data>
```

(352) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(353) .scaler\_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>
```

Mngmt Get Reactive energy (QIII) rate 1 1-0:7.8.1.255 (@654)  
(354) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100070801FF" />
    </Data>
```

(355) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
```

(356) .scaler\_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>
```

Mngmt Get Reactive energy (QIII) rate 2 1-0:7.8.2.255 (@660)  
(357) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100070802FF" />
    </Data>
```

(358) .value

PASSED

```
    <Data>
        <DoubleLongUnsigned Value="00000000" />
```

```

    </Data>
(359) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIII) rate 3 1-0:7.8.3.255 (@666)
(360) .logical_name
PASSED
    <Data>
        <OctetString Value="0100070803FF" />
    </Data>
(361) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(362) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIII) rate 4 1-0:7.8.4.255 (@672)
(363) .logical_name
PASSED
    <Data>
        <OctetString Value="0100070804FF" />
    </Data>
(364) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(365) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIV) rate 1 1-0:8.8.1.255 (@678)
(366) .logical_name
PASSED
    <Data>

```

```

        <OctetString Value="0100080801FF" />
    </Data>
(367) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(368) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIV) rate 2 1-0:8.8.2.255 (@684)
(369) .logical_name
PASSED
    <Data>
        <OctetString Value="0100080802FF" />
    </Data>
(370) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(371) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>
    </Data>

Mngmt Get Reactive energy (QIV) rate 3 1-0:8.8.3.255 (@690)
(372) .logical_name
PASSED
    <Data>
        <OctetString Value="0100080803FF" />
    </Data>
(373) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(374) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="20" />
        </Structure>

```

</Data>

Mngmt Get Reactive energy (QIV) rate 4 1-0:8.8.4.255 (@696)  
(375) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100080804FF" />  
</Data>

(376) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(377) .scaler\_unit

PASSED

<Data>  
 <Structure Qty="0002" >  
 <Integer Value="00" />  
 <Enum Value="20" />  
 </Structure>  
</Data>

Mngmt Get Apparent energy import (+VA) rate 1 1-0:9.8.1.255 (@702)  
(378) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100090801FF" />  
</Data>

(379) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(380) .scaler\_unit

PASSED

<Data>  
 <Structure Qty="0002" >  
 <Integer Value="00" />  
 <Enum Value="1F" />  
 </Structure>  
</Data>

Mngmt Get Apparent energy import (+VA) rate 2 1-0:9.8.2.255 (@708)  
(381) .logical\_name

PASSED

<Data>  
 <OctetString Value="0100090802FF" />  
</Data>

(382) .value

PASSED

<Data>  
 <DoubleLongUnsigned Value="00000000" />  
</Data>

(383) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1F" />
  </Structure>
</Data>
```

Mngmt Get Apparent energy import (+VA) rate 3 1-0:9.8.3.255 (@714)  
(384) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100090803FF" />
</Data>
```

(385) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(386) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1F" />
  </Structure>
</Data>
```

Mngmt Get Apparent energy import (+VA) rate 4 1-0:9.8.4.255 (@720)  
(387) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100090804FF" />
</Data>
```

(388) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(389) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1F" />
  </Structure>
</Data>
```

Mngmt Get Apparent energy export (-VA) rate 1 1-0:10.8.1.255 (@726)  
(390) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01000A0801FF" />
</Data>
```

(391) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(392) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1F" />  
  </Structure>  
</Data>
```

Mngmt Get Apparent energy export (-VA) rate 2 1-0:10.8.2.255 (@732)

(393) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000A0802FF" />  
</Data>
```

(394) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(395) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1F" />  
  </Structure>  
</Data>
```

Mngmt Get Apparent energy export (-VA) rate 3 1-0:10.8.3.255 (@738)

(396) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000A0803FF" />  
</Data>
```

(397) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(398) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1F" />  
  </Structure>  
</Data>
```

Mngmt Get Apparent energy export (-VA) rate 4 1-0:10.8.4.255 (@744)  
(399) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01000A0804FF" />
</Data>
```

(400) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(401) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1F" />
  </Structure>
</Data>
```

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 1 1-0:15.8.1.255  
(@750)

(402) .logical\_name

INAPPLICABLE

Optional object is not implemented

(403) .value

INAPPLICABLE

Optional object is not implemented

(404) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 2 1-0:15.8.2.255  
(@756)

(405) .logical\_name

INAPPLICABLE

Optional object is not implemented

(406) .value

INAPPLICABLE

Optional object is not implemented

(407) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 3 1-0:15.8.3.255  
(@762)

(408) .logical\_name

INAPPLICABLE

Optional object is not implemented

(409) .value

INAPPLICABLE

Optional object is not implemented

(410) .scaler\_unit

INAPPLICABLE



Optional object is not implemented

Mngmt Get Active energy Combined total (|+A|+|-A|) rate 4 1-0:15.8.4.255 (@768)

(411) .logical\_name

INAPPLICABLE

Optional object is not implemented

(412) .value

INAPPLICABLE

Optional object is not implemented

(413) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)

(414) .logical\_name

PASSED

<Data>

<OctetString Value="0100010400FF" />

</Data>

(415) .current\_average\_value

PASSED

<Data>

<DoubleLongUnsigned Value="00000000" />

</Data>

(416) .last\_average\_value

PASSED

<Data>

<DoubleLongUnsigned Value="00000000" />

</Data>

(417) .scaler\_unit

PASSED

<Data>

<Structure Qty="0002" >

<Integer Value="00" />

<Enum Value="1B" />

</Structure>

</Data>

(418) .status

PASSED

<Data>

<Unsigned Value="00" />

</Data>

(419) .capture\_time

PASSED

<Data>

<OctetString Value="07E7090E04090F0000800080" />

</Data>

(420) .start\_time\_current

PASSED

<Data>

<OctetString Value="07E7090E04090F0000800080" />

</Data>

(421) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(422) .number\_of\_periods

PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Get Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)

(423) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020400FF" />
</Data>
```

(424) .current\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(425) .last\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(426) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(427) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(428) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090E04090F0000800080" />
</Data>
```

(429) .start\_time\_current

PASSED

```
<Data>
  <OctetString Value="07E7090E04090F0000800080" />
</Data>
```

(430) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

```

(431) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="0001" />
    </Data>

Mngmt Get Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255
(@801)
(432) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030400FF" />
    </Data>
(433) .current_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(434) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(435) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(436) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(437) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090E04090F0000800080" />
    </Data>
(438) .start_time_current
PASSED
    <Data>
        <OctetString Value="07E7090E04090F0000800080" />
    </Data>
(439) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(440) .number_of_periods
PASSED
    <Data>

```

```
    <LongUnsigned Value="0001" />
  </Data>
```

Mngmt Get Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255 (@814)

(441) .logical\_name  
PASSED

```
  <Data>
    <OctetString Value="0100040400FF" />
  </Data>
```

(442) .current\_average\_value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(443) .last\_average\_value  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
```

(444) .scaler\_unit  
PASSED

```
  <Data>
    <Structure Qty="0002" >
      <Integer Value="00" />
      <Enum Value="1D" />
    </Structure>
  </Data>
```

(445) .status  
PASSED

```
  <Data>
    <Unsigned Value="00" />
  </Data>
```

(446) .capture\_time  
PASSED

```
  <Data>
    <OctetString Value="07E7090E04090F0000800080" />
  </Data>
```

(447) .start\_time\_current  
PASSED

```
  <Data>
    <OctetString Value="07E7090E04090F0000800080" />
  </Data>
```

(448) .period  
PASSED

```
  <Data>
    <DoubleLongUnsigned Value="00000384" />
  </Data>
```

(449) .number\_of\_periods  
PASSED

```
  <Data>
    <LongUnsigned Value="0001" />
  </Data>
```

Mngmt Get Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255  
(@827)

(450) .logical\_name  
INAPPLICABLE  
Optional object is not implemented  
(451) .current\_average\_value  
INAPPLICABLE  
Optional object is not implemented  
(452) .last\_average\_value  
INAPPLICABLE  
Optional object is not implemented  
(453) .scaler\_unit  
INAPPLICABLE  
Optional object is not implemented  
(454) .status  
INAPPLICABLE  
Optional object is not implemented  
(455) .capture\_time  
INAPPLICABLE  
Optional object is not implemented  
(456) .start\_time\_current  
INAPPLICABLE  
Optional object is not implemented  
(457) .period  
INAPPLICABLE  
Optional object is not implemented  
(458) .number\_of\_periods  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255  
(@840)

(459) .logical\_name  
INAPPLICABLE  
Optional object is not implemented  
(460) .current\_average\_value  
INAPPLICABLE  
Optional object is not implemented  
(461) .last\_average\_value  
INAPPLICABLE  
Optional object is not implemented  
(462) .scaler\_unit  
INAPPLICABLE  
Optional object is not implemented  
(463) .status  
INAPPLICABLE  
Optional object is not implemented  
(464) .capture\_time  
INAPPLICABLE  
Optional object is not implemented  
(465) .start\_time\_current  
INAPPLICABLE  
Optional object is not implemented  
(466) .period

INAPPLICABLE

Optional object is not implemented

(467) .number\_of\_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Get Last Average Demand Register 1 - Active energy import (+A)

1-0:1.5.0.255 (@853)

(468) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100010500FF" />
</Data>
```

(469) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(470) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(471) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(472) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090E04090F0000800080" />
</Data>
```

Mngmt Get Last Average Demand Register 2 - Active energy export (-A)

1-0:2.5.0.255 (@861)

(473) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020500FF" />
</Data>
```

(474) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(475) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
  </Structure>
</Data>
```

```
        <Enum Value="1B" />
    </Structure>
</Data>
(476) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(477) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090E04090F0000800080" />
    </Data>
```

Mngmt Get Last Average Demand Register 3 - Reactive energy import (+R)  
1-0:3.5.0.255 (@869)

```
(478) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030500FF" />
    </Data>
(479) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(480) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(481) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(482) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090E04090F0000800080" />
    </Data>
```

Mngmt Get Last Average Demand Register 4 - Reactive energy export (-R)  
1-0:4.5.0.255 (@877)

```
(483) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040500FF" />
    </Data>
(484) .value
PASSED
```

```
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(485) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(486) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(487) .capture_time
PASSED
    <Data>
      <OctetString Value="07E7090E04090F0000800080" />
    </Data>
```

Mngmt Get Last Average Demand Register 5 - Apparent energy import (+VA)  
1-0:9.5.0.255 (@885)

```
(488) .logical_name
INAPPLICABLE
  Optional object is not implemented
(489) .value
INAPPLICABLE
  Optional object is not implemented
(490) .scaler_unit
INAPPLICABLE
  Optional object is not implemented
(491) .status
INAPPLICABLE
  Optional object is not implemented
(492) .capture_time
INAPPLICABLE
  Optional object is not implemented
```

Mngmt Get Last Average Demand Register 6 - Apparent energy export (-VA)  
1-0:10.5.0.255 (@893)

```
(493) .logical_name
INAPPLICABLE
  Optional object is not implemented
(494) .value
INAPPLICABLE
  Optional object is not implemented
(495) .scaler_unit
INAPPLICABLE
  Optional object is not implemented
(496) .status
INAPPLICABLE
  Optional object is not implemented
```



(497) .capture\_time  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 1 - Active energy import (+A) 1-0:1.6.0.255  
(@901)

(498) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100010600FF" />  
</Data>
```

(499) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(500) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>  
</Data>
```

(501) .status  
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(502) .capture\_time  
PASSED

```
<Data>  
  <OctetString Value="07E7090D030F2D0000800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 2 - Active energy import (+A) - rate 1  
1-0:1.6.1.255 (@909)

(503) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100010601FF" />  
</Data>
```

(504) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(505) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1B" />  
  </Structure>
```

```
    </Data>
(506) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(507) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 3 - Active energy import (+A) - rate 2  
1-0:1.6.2.255 (@917)

```
(508) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010602FF" />
    </Data>
(509) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(510) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(511) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(512) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 4 - Active energy import (+A) - rate 3  
1-0:1.6.3.255 (@925)

```
(513) .logical_name
PASSED
    <Data>
        <OctetString Value="0100010603FF" />
    </Data>
(514) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
```

```
</Data>
(515) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

```
(516) .status
PASSED
```

```
<Data>
  <Unsigned Value="00" />
</Data>
```

```
(517) .capture_time
PASSED
```

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 5 - Active energy import (+A) - rate 4  
1-0:1.6.4.255 (@933)

```
(518) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="0100010604FF" />
</Data>
```

```
(519) .value
PASSED
```

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

```
(520) .scaler_unit
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

```
(521) .status
PASSED
```

```
<Data>
  <Unsigned Value="00" />
</Data>
```

```
(522) .capture_time
PASSED
```

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 6 - Active energy export (-A) 1-0:2.6.0.255  
(@941)

```
(523) .logical_name
```

PASSED

```
<Data>
  <OctetString Value="0100020600FF" />
</Data>
```

(524) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(525) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(526) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(527) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 7 - Active energy export (-A) - rate 1  
1-0:2.6.1.255 (@949)

(528) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020601FF" />
</Data>
```

(529) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(530) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(531) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(532) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 8 - Active energy export (-A) - rate 2  
1-0:2.6.2.255 (@957)

(533) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020602FF" />
</Data>
```

(534) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(535) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(536) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(537) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 9 - Active energy export (-A) - rate 3  
1-0:2.6.3.255 (@965)

(538) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100020603FF" />
</Data>
```

(539) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(540) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

```
        </Structure>
    </Data>
(541) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(542) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 10 - Active energy export (-A) - rate 4  
1-0:2.6.4.255 (@973)

```
(543) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020604FF" />
    </Data>
(544) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(545) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>
(546) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(547) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 11 - Reactive energy import (+R)  
1-0:3.6.0.255 (@981)

```
(548) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030600FF" />
    </Data>
(549) .value
PASSED
    <Data>
```

```
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(550) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(551) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(552) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 12 - Reactive energy import (+R) - rate 1  
1-0:3.6.1.255 (@989)

```
(553) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030601FF" />
    </Data>
(554) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(555) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>
(556) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(557) .capture_time
PASSED
    <Data>
        <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 13 - Reactive energy import (+R) - rate 2  
1-0:3.6.2.255 (@997)

(558) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100030602FF" />  
</Data>
```

(559) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(560) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(561) .status  
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(562) .capture\_time  
PASSED

```
<Data>  
  <OctetString Value="07E7090D030F2D0000800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 14 - Reactive energy import (+R) - rate 3  
1-0:3.6.3.255 (@1005)

(563) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100030603FF" />  
</Data>
```

(564) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(565) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(566) .status  
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```



(567) .capture\_time  
PASSED

```
<Data>  
  <OctetString Value="07E7090D030F2D0000800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 15 - Reactive energy import (+R) - rate 4  
1-0:3.6.4.255 (@1013)

(568) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100030604FF" />  
</Data>
```

(569) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(570) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="1D" />  
  </Structure>  
</Data>
```

(571) .status  
PASSED

```
<Data>  
  <Unsigned Value="00" />  
</Data>
```

(572) .capture\_time  
PASSED

```
<Data>  
  <OctetString Value="07E7090D030F2D0000800080" />  
</Data>
```

Mngmt Get Maximum Demand Register 16 - Reactive energy export (-R)  
1-0:4.6.0.255 (@1021)

(573) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100040600FF" />  
</Data>
```

(574) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(575) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
  </Structure>  
</Data>
```

```
        <Enum Value="1D" />
      </Structure>
    </Data>
(576) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(577) .capture_time
PASSED
    <Data>
      <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 17 - Reactive energy export (-R) - rate 1  
1-0:4.6.1.255 (@1029)

```
(578) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040601FF" />
    </Data>
(579) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(580) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(581) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(582) .capture_time
PASSED
    <Data>
      <OctetString Value="07E7090D030F2D0000800080" />
    </Data>
```

Mngmt Get Maximum Demand Register 18 - Reactive energy export (-R) - rate 2  
1-0:4.6.2.255 (@1037)

```
(583) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040602FF" />
    </Data>
(584) .value
PASSED
```

```

    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(585) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(586) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(587) .capture_time
PASSED
    <Data>
      <OctetString Value="07E7090D030F2D0000800080" />
    </Data>

```

Mngmt Get Maximum Demand Register 19 - Reactive energy export (-R) - rate 3  
 1-0:4.6.3.255 (@1045)

```

(588) .logical_name
PASSED
    <Data>
      <OctetString Value="0100040603FF" />
    </Data>
(589) .value
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000000" />
    </Data>
(590) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="1D" />
      </Structure>
    </Data>
(591) .status
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(592) .capture_time
PASSED
    <Data>
      <OctetString Value="07E7090D030F2D0000800080" />
    </Data>

```

Mngmt Get Maximum Demand Register 20 - Reactive energy export (-R) - rate 4

1-0:4.6.4.255 (@1053)

(593) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100040604FF" />
</Data>
```

(594) .value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(595) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1D" />
  </Structure>
</Data>
```

(596) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(597) .capture\_time

PASSED

```
<Data>
  <OctetString Value="07E7090D030F2D0000800080" />
</Data>
```

Mngmt Get Maximum Demand Register 21 - Apparent energy import (+VA)

1-0:9.6.0.255 (@1061)

(598) .logical\_name

INAPPLICABLE

Optional object is not implemented

(599) .value

INAPPLICABLE

Optional object is not implemented

(600) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

(601) .status

INAPPLICABLE

Optional object is not implemented

(602) .capture\_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Maximum Demand Register 22 - Apparent energy import (+VA) - rate 1

1-0:9.6.1.255 (@1069)

(603) .logical\_name

INAPPLICABLE

Optional object is not implemented

(604) .value

INAPPLICABLE  
Optional object is not implemented  
(605) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(606) .status

INAPPLICABLE  
Optional object is not implemented  
(607) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 23 - Apparent energy import (+VA) - rate 2  
1-0:9.6.2.255 (@1077)

(608) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(609) .value

INAPPLICABLE  
Optional object is not implemented  
(610) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(611) .status

INAPPLICABLE  
Optional object is not implemented  
(612) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 24 - Apparent energy import (+VA) - rate 3  
1-0:9.6.3.255 (@1085)

(613) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(614) .value

INAPPLICABLE  
Optional object is not implemented  
(615) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(616) .status

INAPPLICABLE  
Optional object is not implemented  
(617) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 25 - Apparent energy import (+VA) - rate 4  
1-0:9.6.4.255 (@1093)

(618) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(619) .value

INAPPLICABLE  
Optional object is not implemented  
(620) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(621) .status

INAPPLICABLE  
Optional object is not implemented  
(622) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 26 - Apparent energy export (-VA)

1-0:10.6.0.255 (@1101)

(623) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(624) .value

INAPPLICABLE  
Optional object is not implemented  
(625) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(626) .status

INAPPLICABLE  
Optional object is not implemented  
(627) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 27 - Apparent energy export (-VA) - rate 1

1-0:10.6.1.255 (@1109)

(628) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(629) .value

INAPPLICABLE  
Optional object is not implemented  
(630) .scaler\_unit

INAPPLICABLE  
Optional object is not implemented  
(631) .status

INAPPLICABLE  
Optional object is not implemented  
(632) .capture\_time

INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 28 - Apparent energy export (-VA) - rate 2

1-0:10.6.2.255 (@1117)

(633) .logical\_name

INAPPLICABLE  
Optional object is not implemented  
(634) .value

INAPPLICABLE  
Optional object is not implemented  
(635) .scaler\_unit  
INAPPLICABLE  
Optional object is not implemented  
(636) .status  
INAPPLICABLE  
Optional object is not implemented  
(637) .capture\_time  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 29 - Apparent energy export (-VA) - rate 3  
1-0:10.6.3.255 (@1125)  
(638) .logical\_name  
INAPPLICABLE  
Optional object is not implemented  
(639) .value  
INAPPLICABLE  
Optional object is not implemented  
(640) .scaler\_unit  
INAPPLICABLE  
Optional object is not implemented  
(641) .status  
INAPPLICABLE  
Optional object is not implemented  
(642) .capture\_time  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Maximum Demand Register 30 - Apparent energy export (-VA) - rate 4  
1-0:10.6.4.255 (@1133)  
(643) .logical\_name  
INAPPLICABLE  
Optional object is not implemented  
(644) .value  
INAPPLICABLE  
Optional object is not implemented  
(645) .scaler\_unit  
INAPPLICABLE  
Optional object is not implemented  
(646) .status  
INAPPLICABLE  
Optional object is not implemented  
(647) .capture\_time  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Profile status - Load profile with period 1 0-0:96.10.1.255 (@1142)  
(648) .logical\_name  
PASSED  
<Data>  
<OctetString Value="0000600A01FF" />  
</Data>

(649) .status  
PASSED

```
<Data>  
  <Unsigned Value="08" />  
</Data>
```

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255  
(@1146)

(650) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100630100FF" />  
</Data>
```

(651) .capture\_objects  
PASSED

```
<Data>  
  <Array Qty="000A" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0001" />  
      <OctetString Value="0000600A01FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100050800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100060800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```



```

        <LongUnsigned Value="0003" />
        <OctetString Value="0100070800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100080800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100090800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="01000A0800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
(652) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000384" />
    </Data>
(653) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(654) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(655) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000012" />
    </Data>
(656) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="000017A0" />
    </Data>

```

</Data>

Mngmt Get Profile status - Load profile with period 2 0-0:96.10.2.255 (@1157)  
(657) .logical\_name

PASSED

<Data>  
  <OctetString Value="0000600A02FF" />  
</Data>

(658) .status

PASSED

<Data>  
  <Unsigned Value="A8" />  
</Data>

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255  
(@1161)

(659) .logical\_name

PASSED

<Data>  
  <OctetString Value="0100630200FF" />  
</Data>

(660) .capture\_objects

PASSED

<Data>  
  <Array Qty="000A" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0001" />  
      <OctetString Value="0000600A02FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100010800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100020800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0100050800FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>

```

    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100060800FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100070800FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100080800FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100090800FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="01000A0800FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Array>
</Data>
(661) .capture_period
PASSED
  <Data>
    <DoubleLongUnsigned Value="00015180" />
  </Data>
(662) .sort_method
PASSED
  <Data>
    <Enum Value="01" />
  </Data>
(663) .sort_object
PASSED
  <Data>
    <Structure Qty="0004" >
      <LongUnsigned Value="0000" />
      <OctetString Value="000000000000" />
      <Integer Value="00" />
      <LongUnsigned Value="0000" />
    </Structure>
  </Data>
(664) .entries_in_use

```

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000008" />
</Data>
```

(665) .profile\_entries

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000003F" />
</Data>
```

Mngmt Get Number of power failures in any phase 0-0:96.7.21.255 (@1173)

(666) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600715FF" />
</Data>
```

(667) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Number of long power failures in any phase 0-0:96.7.9.255 (@1177)

(668) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600709FF" />
</Data>
```

(669) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Time threshold for long power failure 0-0:96.7.20.255 (@1181)

(670) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000600714FF" />
</Data>
```

(671) .value

PASSED

```
<Data>
  <LongUnsigned Value="00B4" />
</Data>
```

(672) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="07" />
  </Structure>
</Data>
```

Mngmt Get Duration of last long power failure in any phase 0-0:96.7.19.255 (@1187)

(673) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0000600713FF" />  
</Data>
```

(674) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="0000DB74" />  
</Data>
```

(675) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Threshold for voltage sag 1-0:12.31.0.255 (@1193)

(676) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000C1F00FF" />  
</Data>
```

(677) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="00CF" />  
</Data>
```

(678) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="23" />  
  </Structure>  
</Data>
```

Mngmt Get Time threshold for voltage sag 1-0:12.43.0.255 (@1199)

(679) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000C2B00FF" />  
</Data>
```

(680) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

(681) .scaler\_unit  
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="07" />
  </Structure>
</Data>
```

Mngmt Get Number of voltage sags in phase L1 1-0:32.32.0.255 (@1205)  
(682) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100202000FF" />
</Data>
```

(683) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Number of voltage sags in phase L2 1-0:52.32.0.255 (@1209)  
(684) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100342000FF" />
</Data>
```

(685) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Number of voltage sags in phase L3 1-0:72.32.0.255 (@1213)  
(686) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100482000FF" />
</Data>
```

(687) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Duration of last voltage sag in phase L1 1-0:32.33.0.255 (@1217)  
(688) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100202100FF" />
</Data>
```

(689) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(690) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage sag in phase L2 1-0:52.33.0.255 (@1223)

(691) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100342100FF" />  
</Data>
```

(692) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(693) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage sag in phase L3 1-0:72.33.0.255 (@1229)

(694) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100482100FF" />  
</Data>
```

(695) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(696) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Magnitude of last voltage sag in phase L1 1-0:32.34.0.255 (@1235)

(697) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100202200FF" />
```

```
    </Data>
(698) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
```

```
(699) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```

```
Mngmt Get Magnitude of last voltage sag in phase L2 1-0:52.34.0.255 (@1241)
(700) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="0100342200FF" />
    </Data>
```

```
(701) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
```

```
(702) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```

```
Mngmt Get Magnitude of last voltage sag in phase L3 1-0:72.34.0.255 (@1247)
(703) .logical_name
PASSED
```

```
    <Data>
      <OctetString Value="0100482200FF" />
    </Data>
```

```
(704) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
```

```
(705) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```



Mngmt Get Threshold for voltage swell 1-0:12.35.0.255 (@1253)  
(706) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000C2300FF" />  
</Data>
```

(707) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="00FD" />  
</Data>
```

(708) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="23" />  
  </Structure>  
</Data>
```

Mngmt Get Time threshold for voltage swell 1-0:12.44.0.255 (@1259)  
(709) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000C2C00FF" />  
</Data>
```

(710) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

(711) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Number of voltage swells in phase L1 1-0:32.36.0.255 (@1265)  
(712) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100202400FF" />  
</Data>
```

(713) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

Mngmt Get Number of voltage swells in phase L2 1-0:52.36.0.255 (@1269)

(714) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100342400FF" />  
</Data>
```

(715) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

Mngmt Get Number of voltage swells in phase L3 1-0:72.36.0.255 (@1273)

(716) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100482400FF" />  
</Data>
```

(717) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0003" />  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L1 1-0:32.37.0.255 (@1277)

(718) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100202500FF" />  
</Data>
```

(719) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(720) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L2 1-0:52.37.0.255 (@1283)

(721) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100342500FF" />  
</Data>
```

(722) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(723) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Duration of last voltage swell in phase L3 1-0:72.37.0.255 (@1289)

(724) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100482500FF" />  
</Data>
```

(725) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0279" />  
</Data>
```

(726) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Magnitude of last voltage swell in phase L1 1-0:32.38.0.255 (@1295)

(727) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100202600FF" />  
</Data>
```

(728) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="0000" />  
</Data>
```

(729) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="23" />  
  </Structure>  
</Data>
```

Mngmt Get Magnitude of last voltage swell in phase L2 1-0:52.38.0.255 (@1301)

(730) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100342600FF" />
```

```
    </Data>
(731) .value
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
```

```
(732) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```

Mngmt Get Magnitude of last voltage swell in phase L3 1-0:72.38.0.255 (@1307)

```
(733) .logical_name
PASSED
    <Data>
      <OctetString Value="0100482600FF" />
    </Data>
```

```
(734) .value
PASSED
    <Data>
      <LongUnsigned Value="0100" />
    </Data>
```

```
(735) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```

Mngmt Get Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)

```
(736) .logical_name
PASSED
    <Data>
      <OctetString Value="01000C2700FF" />
    </Data>
```

```
(737) .value
PASSED
    <Data>
      <LongUnsigned Value="0067" />
    </Data>
```

```
(738) .scaler_unit
PASSED
    <Data>
      <Structure Qty="0002" >
        <Integer Value="00" />
        <Enum Value="23" />
      </Structure>
    </Data>
```

Mngmt Get Time threshold for voltage cut 1-0:12.45.0.255 (@1319)  
(739) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="01000C2D00FF" />  
</Data>
```

(740) .value  
PASSED

```
<Data>  
  <LongUnsigned Value="001E" />  
</Data>
```

(741) .scaler\_unit  
PASSED

```
<Data>  
  <Structure Qty="0002" >  
    <Integer Value="00" />  
    <Enum Value="07" />  
  </Structure>  
</Data>
```

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)  
(742) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="0100636100FF" />  
</Data>
```

(743) .capture\_objects  
PASSED

```
<Data>  
  <Array Qty="0002" >  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0008" />  
      <OctetString Value="0000010000FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
    <Structure Qty="0004" >  
      <LongUnsigned Value="0003" />  
      <OctetString Value="0000600713FF" />  
      <Integer Value="02" />  
      <LongUnsigned Value="0000" />  
    </Structure>  
  </Array>  
</Data>
```

(744) .capture\_period  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

(745) .sort\_method  
PASSED

```
<Data>  
  <Enum Value="01" />
```

```

    </Data>
(746) .sort_object
PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Data>
(747) .entries_in_use
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000007" />
    </Data>
(748) .profile_entries
PASSED
    <Data>
      <DoubleLongUnsigned Value="00000064" />
    </Data>

Mngmt Get Event Object - Power Quality Log 0-0:96.11.4.255 (@1336)
(749) .logical_name
PASSED
    <Data>
      <OctetString Value="0000600B04FF" />
    </Data>
(750) .value
PASSED
    <Data>
      <Enum Value="02" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(751) .logical_name
PASSED
    <Data>
      <OctetString Value="0000636204FF" />
    </Data>
(752) .capture_objects
PASSED
    <Data>
      <Array Qty="0002" >
        <Structure Qty="0004" >
          <LongUnsigned Value="0008" />
          <OctetString Value="0000010000FF" />
          <Integer Value="02" />
          <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
          <LongUnsigned Value="0001" />
          <OctetString Value="0000600B04FF" />
          <Integer Value="02" />
        </Structure>
      </Array>
    </Data>

```

```

                <LongUnsigned Value="0000" />
            </Structure>
        </Array>
    </Data>
(753) .capture_period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(754) .sort_method
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(755) .sort_object
PASSED
    <Data>
        <Structure Qty="0004" >
            <LongUnsigned Value="0000" />
            <OctetString Value="000000000000" />
            <Integer Value="00" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Data>
(756) .entries_in_use
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000013" />
    </Data>
(757) .profile_entries
PASSED
    <Data>
        <DoubleLongUnsigned Value="000000C8" />
    </Data>

Mngmt Get Instantaneous voltage L1 1-0:32.7.0.255 (@1351)
(758) .logical_name
PASSED
    <Data>
        <OctetString Value="0100200700FF" />
    </Data>
(759) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(760) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />
            <Enum Value="23" />
        </Structure>
    </Data>

```

Mngmt Get Average voltage L1 1-0:32.24.0.255 (@1357)

(761) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100201800FF" />
</Data>
```

(762) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(763) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Instantaneous current L1 1-0:31.7.0.255 (@1363)

(764) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01001F0700FF" />
</Data>
```

(765) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(766) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

Mngmt Get Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255 (@1369)

(767) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01001F0400FF" />
</Data>
```

(768) .current\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(769) .last\_average\_value



PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(770) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

(771) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(772) .capture\_time

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

(773) .start\_time\_current

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

(774) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000001" />
</Data>
```

(775) .number\_of\_periods

PASSED

```
<Data>
  <LongUnsigned Value="005A" />
</Data>
```

Mngmt Get Instantaneous voltage L2 1-0:52.7.0.255 (@1382)

(776) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100340700FF" />
</Data>
```

(777) .value

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(778) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
  </Structure>
</Data>
```

```
        <Enum Value="23" />
    </Structure>
</Data>
```

Mngmt Get Average voltage L2 1-0:52.24.0.255 (@1388)  
(779) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100341800FF" />
    </Data>
```

(780) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
```

(781) .scaler\_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FF" />
            <Enum Value="23" />
        </Structure>
    </Data>
```

Mngmt Get Instantaneous current L2 1-0:51.7.0.255 (@1394)  
(782) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100330700FF" />
    </Data>
```

(783) .value

PASSED

```
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
```

(784) .scaler\_unit

PASSED

```
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
```

Mngmt Get Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255  
(@1400)

(785) .logical\_name

PASSED

```
    <Data>
        <OctetString Value="0100330400FF" />
    </Data>
```

(786) .current\_average\_value

PASSED

```
    <Data>
```

```

        <DoubleLongUnsigned Value="00000000" />
    </Data>
(787) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(788) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
(789) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(790) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(791) .start_time_current
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(792) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(793) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="005A" />
    </Data>

Mngmt Get Instantaneous voltage L3 1-0:72.7.0.255 (@1413)
(794) .logical_name
PASSED
    <Data>
        <OctetString Value="0100480700FF" />
    </Data>
(795) .value
PASSED
    <Data>
        <LongUnsigned Value="0A1D" />
    </Data>
(796) .scaler_unit
PASSED

```

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Average voltage L3 1-0:72.24.0.255 (@1419)  
(797) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100481800FF" />
</Data>
```

(798) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(799) .scaler\_unit  
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FF" />
    <Enum Value="23" />
  </Structure>
</Data>
```

Mngmt Get Instantaneous current L3 1-0:71.7.0.255 (@1425)  
(800) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100470700FF" />
</Data>
```

(801) .value  
PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(802) .scaler\_unit  
PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="FE" />
    <Enum Value="21" />
  </Structure>
</Data>
```

Mngmt Get Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255  
(@1431)

(803) .logical\_name  
PASSED

```
<Data>
  <OctetString Value="0100470400FF" />
</Data>
```

```

(804) .current_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(805) .last_average_value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(806) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>
(807) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(808) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(809) .start_time_current
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(810) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000001" />
    </Data>
(811) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="005A" />
    </Data>

Mngmt Get Instantaneous current (sum over all phases) 1-0:90.7.0.255 (@1444)
(812) .logical_name
PASSED
    <Data>
        <OctetString Value="01005A0700FF" />
    </Data>
(813) .value
PASSED
    <Data>
        <LongUnsigned Value="0000" />

```

```

    </Data>
(814) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="21" />
        </Structure>
    </Data>

Mngmt Get Instantaneous net frequency; any phase 1-0:14.7.0.255 (@1450)
(815) .logical_name
PASSED
    <Data>
        <OctetString Value="01000E0700FF" />
    </Data>
(816) .value
PASSED
    <Data>
        <LongUnsigned Value="1383" />
    </Data>
(817) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FE" />
            <Enum Value="2C" />
        </Structure>
    </Data>

Mngmt Get Instantaneous active power (|+A|+|-A|) 1-0:15.7.0.255 (@1456)
(818) .logical_name
PASSED
    <Data>
        <OctetString Value="01000F0700FF" />
    </Data>
(819) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(820) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>

Mngmt Get Instantaneous active import power (+A) 1-0:1.7.0.255 (@1462)
(821) .logical_name
PASSED
    <Data>

```

```

        <OctetString Value="0100010700FF" />
    </Data>
(822) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(823) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>

Mngmt Get Instantaneous active export power (-A) 1-0:2.7.0.255 (@1468)
(824) .logical_name
PASSED
    <Data>
        <OctetString Value="0100020700FF" />
    </Data>
(825) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(826) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1B" />
        </Structure>
    </Data>

Mngmt Get Instantaneous reactive import power (+R) 1-0:3.7.0.255 (@1474)
(827) .logical_name
PASSED
    <Data>
        <OctetString Value="0100030700FF" />
    </Data>
(828) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(829) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>

```

```
    </Data>

Mngmt Get Instantaneous reactive export power (-R) 1-0:4.7.0.255 (@1480)
(830) .logical_name
PASSED
    <Data>
        <OctetString Value="0100040700FF" />
    </Data>
(831) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(832) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1D" />
        </Structure>
    </Data>

Mngmt Get Instantaneous apparent import power (+VA) 1-0:9.7.0.255 (@1486)
(833) .logical_name
PASSED
    <Data>
        <OctetString Value="0100090700FF" />
    </Data>
(834) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(835) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="00" />
            <Enum Value="1C" />
        </Structure>
    </Data>

Mngmt Get Instantaneous apparent export power (-VA) 1-0:10.7.0.255 (@1492)
(836) .logical_name
PASSED
    <Data>
        <OctetString Value="01000A0700FF" />
    </Data>
(837) .value
PASSED
    <Data>
        <DoubleLongUnsigned Value="00000000" />
    </Data>
(838) .scaler_unit
```



PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1C" />
  </Structure>
</Data>
```

Mngmt Get Average Import Power (+A) 1-0:1.24.0.255 (@1498)  
(839) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0100011800FF" />
</Data>
```

(840) .current\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(841) .last\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(842) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
    <Enum Value="1B" />
  </Structure>
</Data>
```

(843) .status

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(844) .capture\_time

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

(845) .start\_time\_current

PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

(846) .period

PASSED

```
<Data>
  <DoubleLongUnsigned Value="0000003C" />
</Data>
```

(847) .number\_of\_periods

PASSED

```
<Data>
  <LongUnsigned Value="000F" />
</Data>
```

Mngmt Get Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)  
(848) .logical\_name

INAPPLICABLE

Optional object is not implemented

(849) .current\_average\_value

INAPPLICABLE

Optional object is not implemented

(850) .last\_average\_value

INAPPLICABLE

Optional object is not implemented

(851) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

(852) .status

INAPPLICABLE

Optional object is not implemented

(853) .capture\_time

INAPPLICABLE

Optional object is not implemented

(854) .start\_time\_current

INAPPLICABLE

Optional object is not implemented

(855) .period

INAPPLICABLE

Optional object is not implemented

(856) .number\_of\_periods

INAPPLICABLE

Optional object is not implemented

Mngmt Get Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)  
(857) .logical\_name

PASSED

```
<Data>
  <OctetString Value="01000F1800FF" />
</Data>
```

(858) .current\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(859) .last\_average\_value

PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000000" />
</Data>
```

(860) .scaler\_unit

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Integer Value="00" />
```

```

        <Enum Value="1B" />
    </Structure>
</Data>
(861) .status
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(862) .capture_time
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(863) .start_time_current
PASSED
    <Data>
        <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    </Data>
(864) .period
PASSED
    <Data>
        <DoubleLongUnsigned Value="0000003C" />
    </Data>
(865) .number_of_periods
PASSED
    <Data>
        <LongUnsigned Value="000F" />
    </Data>

Mngmt Get Instantaneous Power factor (+A/+VA) 1-0:13.7.0.255 (@1537)
(866) .logical_name
PASSED
    <Data>
        <OctetString Value="01000D0700FF" />
    </Data>
(867) .value
PASSED
    <Data>
        <LongUnsigned Value="03E8" />
    </Data>
(868) .scaler_unit
PASSED
    <Data>
        <Structure Qty="0002" >
            <Integer Value="FD" />
            <Enum Value="FF" />
        </Structure>
    </Data>

Mngmt Get Last Average Power factor (+A/+VA) 1-0:13.5.0.255 (@1543)
(869) .logical_name
INAPPLICABLE
    Optional object is not implemented
(870) .value

```

INAPPLICABLE

Optional object is not implemented

(871) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

(872) .status

INAPPLICABLE

Optional object is not implemented

(873) .capture\_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Minimum Power factor (+A/+VA) 1-0:13.3.0.255 (@1551)

(874) .logical\_name

INAPPLICABLE

Optional object is not implemented

(875) .value

INAPPLICABLE

Optional object is not implemented

(876) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

(877) .status

INAPPLICABLE

Optional object is not implemented

(878) .capture\_time

INAPPLICABLE

Optional object is not implemented

Mngmt Get Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)

(879) .logical\_name

INAPPLICABLE

Optional object is not implemented

(880) .value

INAPPLICABLE

Optional object is not implemented

(881) .scaler\_unit

INAPPLICABLE

Optional object is not implemented

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)

(882) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(883) .comm\_speed

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)

(884) .logical\_name

INAPPLICABLE

Optional object is not implemented

(885) .comm\_speed

INAPPLICABLE

Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)

(886) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(887) .mbus\_port\_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(888) .capture\_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(889) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(890) .primary\_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(891) .identification\_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(892) .manufacturer\_id

INAPPLICABLE

Object is not required according to OM and/or extensions

(893) .version

INAPPLICABLE

Object is not required according to OM and/or extensions

(894) .device\_type

INAPPLICABLE

Object is not required according to OM and/or extensions

(895) .access\_number

INAPPLICABLE

Object is not required according to OM and/or extensions

(896) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(897) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)

(898) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(899) .mbus\_port\_reference

INAPPLICABLE

Object is not required according to OM and/or extensions

(900) .capture\_definition

INAPPLICABLE

Object is not required according to OM and/or extensions

(901) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(902) .primary\_address

INAPPLICABLE

Object is not required according to OM and/or extensions  
(903) .identification\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(904) .manufacturer\_id

INAPPLICABLE

Object is not required according to OM and/or extensions  
(905) .version

INAPPLICABLE

Object is not required according to OM and/or extensions  
(906) .device\_type

INAPPLICABLE

Object is not required according to OM and/or extensions  
(907) .access\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(908) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(909) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)

(910) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(911) .mbus\_port\_reference

INAPPLICABLE

Object is not required according to OM and/or extensions  
(912) .capture\_definition

INAPPLICABLE

Object is not required according to OM and/or extensions  
(913) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(914) .primary\_address

INAPPLICABLE

Object is not required according to OM and/or extensions  
(915) .identification\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(916) .manufacturer\_id

INAPPLICABLE

Object is not required according to OM and/or extensions  
(917) .version

INAPPLICABLE

Object is not required according to OM and/or extensions  
(918) .device\_type

INAPPLICABLE

Object is not required according to OM and/or extensions  
(919) .access\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(920) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(921) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)

(922) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(923) .mbus\_port\_reference

INAPPLICABLE

Object is not required according to OM and/or extensions  
(924) .capture\_definition

INAPPLICABLE

Object is not required according to OM and/or extensions  
(925) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(926) .primary\_address

INAPPLICABLE

Object is not required according to OM and/or extensions  
(927) .identification\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(928) .manufacturer\_id

INAPPLICABLE

Object is not required according to OM and/or extensions  
(929) .version

INAPPLICABLE

Object is not required according to OM and/or extensions  
(930) .device\_type

INAPPLICABLE

Object is not required according to OM and/or extensions  
(931) .access\_number

INAPPLICABLE

Object is not required according to OM and/or extensions  
(932) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(933) .alarm

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)

(934) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(935) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(936) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(937) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(938) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)

(939) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(940) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(941) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(942) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(943) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)

(944) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(945) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(946) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(947) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(948) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)

(949) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(950) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(951) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(952) .status



INAPPLICABLE

Object is not required according to OM and/or extensions  
(953) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)

(954) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(955) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(956) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(957) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(958) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)

(959) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(960) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(961) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(962) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(963) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)

(964) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(965) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(966) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(967) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(968) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)

(969) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(970) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(971) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(972) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(973) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)

(974) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(975) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(976) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(977) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(978) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)

(979) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(980) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

(981) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

(982) .status

INAPPLICABLE

Object is not required according to OM and/or extensions

(983) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)  
(984) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(985) .value  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(986) .scaler\_unit  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(987) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(988) .capture\_time  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)  
(989) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(990) .value  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(991) .scaler\_unit  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(992) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(993) .capture\_time  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)  
(994) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(995) .value  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(996) .scaler\_unit  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(997) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(998) .capture\_time  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)  
(999) .logical\_name  
INAPPLICABLE

Object is not required according to OM and/or extensions  
(1000) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1001) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1002) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1003) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)

(1004) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1005) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1006) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1007) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1008) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)

(1009) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1010) .value

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1011) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1012) .status

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1013) .capture\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)

(1014) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1015) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)  
(1016) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1017) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)  
(1018) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1019) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)  
(1020) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1021) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)  
(1022) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1023) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)  
(1024) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1025) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)  
(1026) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1027) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)  
(1028) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1029) .value  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 1 0-1:96.10.3.255 (@1822)

(1030) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1031) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 2 0-2:96.10.3.255 (@1826)

(1032) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1033) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 3 0-3:96.10.3.255 (@1830)

(1034) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1035) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Profile status for M-Bus Master Load profile 4 0-4:96.10.3.255 (@1834)

(1036) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1037) .status  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)

(1038) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1039) .capture\_objects  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1040) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1041) .sort\_method  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1042) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1043) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1044) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)  
(1045) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1046) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1047) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1048) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1049) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1050) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1051) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)  
(1052) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1053) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1054) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1055) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1056) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1057) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1058) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)  
(1059) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1060) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1061) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1062) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1063) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1064) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1065) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)  
(1066) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1067) .output\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1068) .control\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1069) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)  
(1070) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1071) .output\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1072) .control\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1073) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)  
(1074) .logical\_name



INAPPLICABLE

Object is not required according to OM and/or extensions  
(1075) .output\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1076) .control\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1077) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)  
(1078) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1079) .output\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1080) .control\_state

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1081) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)  
(1082) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1083) .executed\_script

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1084) .type

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1085) .execution\_time

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)  
(1086) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1087) .scripts

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 1 0-1:96.11.4.255 (@1925)  
(1088) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1089) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 2 0-2:96.11.4.255 (@1929)  
(1090) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1091) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 3 0-3:96.11.4.255 (@1933)  
(1092) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1093) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get Event Objects - M-Bus Master Control logs 4 0-4:96.11.4.255 (@1937)  
(1094) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1095) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)  
(1096) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1097) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(1098) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

(1099) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions

(1100) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions

(1101) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions

(1102) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)  
(1103) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions

(1104) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1105) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1106) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1107) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1108) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1109) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)

(1110) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1111) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1112) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1113) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1114) .sort\_object

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1115) .entries\_in\_use

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1116) .profile\_entries

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)

(1117) .logical\_name

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1118) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1119) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions  
(1120) .sort\_method

INAPPLICABLE

Object is not required according to OM and/or extensions

(1121) .sort\_object  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1122) .entries\_in\_use  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1123) .profile\_entries  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Event Object - M-Bus Event Log 0-0:96.11.3.255 (@1985)  
(1124) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1125) .value  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)  
(1126) .logical\_name  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1127) .capture\_objects  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1128) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1129) .sort\_method  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1130) .sort\_object  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1131) .entries\_in\_use  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1132) .profile\_entries  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)  
(1133) .logical\_name  
PASSED  
<Data>  
<OctetString Value="0000140000FF" />  
</Data>  
(1134) .default\_mode  
PASSED  
<Data>  
<Enum Value="01" />  
</Data>  
(1135) .default\_baud  
PASSED

```
    <Data>
      <Enum Value="00" />
    </Data>
(1136) .prop_baud
PASSED
    <Data>
      <Enum Value="05" />
    </Data>
(1137) .response_time
PASSED
    <Data>
      <Enum Value="01" />
    </Data>
(1138) .device_addr
PASSED
    <Data>
      <OctetString Value="" />
    </Data>

Mngmt Get IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(1139) .logical_name
PASSED
    <Data>
      <OctetString Value="0000160000FF" />
    </Data>
(1140) .comm_speed
PASSED
    <Data>
      <Enum Value="05" />
    </Data>
(1141) .window_size_transmit
PASSED
    <Data>
      <Unsigned Value="01" />
    </Data>
(1142) .window_size_receive
PASSED
    <Data>
      <Unsigned Value="01" />
    </Data>
(1143) .max_info_field_lenght_transmit
PASSED
    <Data>
      <LongUnsigned Value="0080" />
    </Data>
(1144) .max_info_field_lenght_receive
PASSED
    <Data>
      <LongUnsigned Value="0080" />
    </Data>
(1145) .inter_octet_time_out
PASSED
    <Data>
      <LongUnsigned Value="0014" />
```

```
    </Data>
(1146) .inactivity_time_out
PASSED
    <Data>
      <LongUnsigned Value="0078" />
    </Data>
(1147) .device_address
PASSED
    <Data>
      <LongUnsigned Value="0011" />
    </Data>
```

Mngmt Get TCP-UDP setup 0-0:25.0.0.255 (@2024)

```
(1148) .logical_name
PASSED
    <Data>
      <OctetString Value="0000190000FF" />
    </Data>
(1149) .TCP-UDP_port
PASSED
    <Data>
      <LongUnsigned Value="F0B0" />
    </Data>
(1150) .IP_reference
PASSED
    <Data>
      <OctetString Value="0000190700FF" />
    </Data>
(1151) .MSS
PASSED
    <Data>
      <LongUnsigned Value="0500" />
    </Data>
(1152) .nb_of_sim_conn
PASSED
    <Data>
      <Unsigned Value="01" />
    </Data>
(1153) .inactivity_time_out
PASSED
    <Data>
      <LongUnsigned Value="00B4" />
    </Data>
```

Mngmt Get IPv4 setup 0-0:25.1.0.255 (@2032)

```
(1154) .logical_name
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1155) .DL_reference
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1156) .IP_address
INAPPLICABLE
  Object is not required according to OM and/or extensions
```

(1157) .multicast\_IP\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1158) .IP\_options  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1159) .subnet\_mask  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1160) .gateway\_IP\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1161) .use\_DHCP\_flag  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1162) .primary\_DNS\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(1163) .secondary\_DNS\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get IPv6 setup 0-0:25.7.0.255 (@2047)

(1164) .logical\_name  
PASSED  
<Data>  
    <OctetString Value="0000190700FF" />  
</Data>

(1165) .DL\_reference  
PASSED  
<Data>  
    <OctetString Value="0000190200FF" />  
</Data>

(1166) .address\_config\_mode  
PASSED  
<Data>  
    <Enum Value="00" />  
</Data>

(1167) .unicast\_IPv6\_addresses  
PASSED  
<Data>  
    <Array Qty="0001" >  
        <OctetString Value="\fe80::781d:ff:fe00:1" />  
    </Array>  
</Data>

(1168) .multicast\_IPv6\_addresses  
PASSED  
<Data>  
    <Array Qty="0001" >  
        <OctetString Value="\ff02::1" />  
    </Array>  
</Data>

(1169) .gateway\_IPv6\_address  
PASSED

```

    <Data>
      <Array Qty="0000" >
        </Array>
      </Data>
(1170) .primary_DNS_address
PASSED
    <Data>
      <OctetString Value="" />
    </Data>
(1171) .secondary_DNS_address
PASSED
    <Data>
      <OctetString Value="" />
    </Data>
(1172) .traffic_class
PASSED
    <Data>
      <Unsigned Value="00" />
    </Data>
(1173) .neighbor_discovery_setup
PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0003" >
          <Unsigned Value="03" />
          <LongUnsigned Value="2710" />
          <DoubleLongUnsigned Value="00000000" />
        </Structure>
      </Array>
    </Data>

Mngmt Get PPP setup 0-0:25.3.0.255 (@2061)
(1174) .logical_name
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1175) .PHY_refernce
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1176) .LCP_options
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1177) .IPCP_options
INAPPLICABLE
  Object is not required according to OM and/or extensions
(1178) .PPP_authentication
INAPPLICABLE
  Object is not required according to OM and/or extensions

Mngmt Get Push setup - Interval_1 0-1:25.9.0.255 (@2069)
(1179) .logical_name
PASSED
    <Data>
      <OctetString Value="0001190900FF" />
    </Data>

```



```
(1180) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
      </Array>
    </Data>
(1181) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="01" />
      <OctetString Value="\[fe80:0:0:0:781d:ff:fe00:0]:61616" />
      <Enum Value="00" />
    </Structure>
  </Data>
(1182) .communication_window
PASSED
  <Data>
    <Array Qty="0000" >
      </Array>
    </Data>
(1183) .randomisation_start_interval
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(1184) .number_of_retries
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(1185) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>

Mngmt Get Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(1186) .logical_name
PASSED
  <Data>
    <OctetString Value="0002190900FF" />
  </Data>
(1187) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
      </Array>
    </Data>
(1188) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
```

```

        <OctetString Value="" />
        <Enum Value="00" />
    </Structure>
</Data>
(1189) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1190) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(1191) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(1192) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Get Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(1193) .logical_name
PASSED
    <Data>
        <OctetString Value="0003190900FF" />
    </Data>
(1194) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1195) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(1196) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1197) .randomisation_start_interval

```

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1198) .number\_of\_retries

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1199) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Push setup - On Alarm 0-4:25.9.0.255 (@2099)

(1200) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0004190900FF" />
</Data>
```

(1201) .push\_object\_list

PASSED

```
<Data>
  <Array Qty="0000" >
    </Array>
</Data>
```

(1202) .send\_destination\_and\_method

PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(1203) .communication\_window

PASSED

```
<Data>
  <Array Qty="0000" >
    </Array>
</Data>
```

(1204) .randomisation\_start\_interval

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1205) .number\_of\_retries

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1206) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Push setup - On Connectivity 0-0:25.9.0.255 (@2109)  
(1207) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000190900FF" />
</Data>
```

(1208) .push\_object\_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1209) .send\_destination\_and\_method

PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(1210) .communication\_window

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1211) .randomisation\_start\_interval

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1212) .number\_of\_retries

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1213) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Push setup - On Installation 0-7:25.9.0.255 (@2119)

(1214) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0007190900FF" />
</Data>
```

(1215) .push\_object\_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1216) .send\_destination\_and\_method

PASSED

```
<Data>
  <Structure Qty="0003" >
    <Enum Value="00" />
    <OctetString Value="" />
    <Enum Value="00" />
  </Structure>
</Data>
```

(1217) .communication\_window

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1218) .randomisation\_start\_interval

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1219) .number\_of\_retries

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1220) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

Mngmt Get Push setup - On Power down 0-5:25.9.0.255 (@2129)

(1221) .logical\_name

INAPPLICABLE

Optional object is not implemented

(1222) .push\_object\_list

INAPPLICABLE

Optional object is not implemented

(1223) .send\_destination\_and\_method

INAPPLICABLE

Optional object is not implemented

(1224) .communication\_window

INAPPLICABLE

Optional object is not implemented

(1225) .randomisation\_start\_interval

INAPPLICABLE

Optional object is not implemented

(1226) .number\_of\_retries

INAPPLICABLE

Optional object is not implemented  
(1227) .repetition\_delay  
INAPPLICABLE  
Optional object is not implemented

Mngmt Get Push script table 0-0:10.0.108.255 (@2139)  
(1228) .logical\_name  
PASSED

```
<Data>  
  <OctetString Value="00000A006CFF" />  
</Data>
```

(1229) .scripts  
PASSED

```
<Data>  
  <Array Qty="0006" >  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0001" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0001190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0002" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0002190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0003" />  
      <Array Qty="0001" >  
        <Structure Qty="0005" >  
          <Enum Value="02" />  
          <LongUnsigned Value="0028" />  
          <OctetString Value="0003190900FF" />  
          <Integer Value="01" />  
          <Integer Value="00" />  
        </Structure>  
      </Array>  
    </Structure>  
    <Structure Qty="0002" >  
      <LongUnsigned Value="0004" />  
      <Array Qty="0001" >
```

```

    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0004190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0005" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0000190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
<Structure Qty="0002" >
  <LongUnsigned Value="0006" />
  <Array Qty="0001" >
    <Structure Qty="0005" >
      <Enum Value="02" />
      <LongUnsigned Value="0028" />
      <OctetString Value="0007190900FF" />
      <Integer Value="01" />
      <Integer Value="00" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>

```

Mngmt Get Push action scheduler - Interval\_1 0-1:15.0.4.255 (@2144)  
 (1230) .logical\_name

PASSED

```

<Data>
  <OctetString Value="00010F0004FF" />
</Data>

```

(1231) .executed\_script

PASSED

```

<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0001" />
  </Structure>
</Data>

```

(1232) .type

PASSED

```

<Data>
  <Enum Value="05" />

```

```
</Data>
(1233) .execution_time
PASSED
```

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

```
Mngmt Get Push action scheduler - Interval_2 0-2:15.0.4.255 (@2150)
(1234) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="00020F0004FF" />
</Data>
```

```
(1235) .executed_script
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0002" />
  </Structure>
</Data>
```

```
(1236) .type
PASSED
```

```
<Data>
  <Enum Value="05" />
</Data>
```

```
(1237) .execution_time
PASSED
```

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

```
Mngmt Get Push action scheduler - Interval_3 0-3:15.0.4.255 (@2156)
(1238) .logical_name
PASSED
```

```
<Data>
  <OctetString Value="00030F0004FF" />
</Data>
```

```
(1239) .executed_script
PASSED
```

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006CFF" />
    <LongUnsigned Value="0003" />
  </Structure>
</Data>
```

```
(1240) .type
PASSED
```

```
<Data>
  <Enum Value="05" />
</Data>
```

```
(1241) .execution_time
```



PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Get Auto connect 0-0:2.1.0.255 (@2163)

(1242) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000020100FF" />
</Data>
```

(1243) .mode

PASSED

```
<Data>
  <Enum Value="65" />
</Data>
```

(1244) .repetitions

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(1245) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(1246) .calling\_window

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(1247) .destination\_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Get MAC address setup 0-0:25.2.0.255 (@2172)

(1248) .logical\_name

PASSED

```
<Data>
  <OctetString Value="0000190200FF" />
</Data>
```

(1249) .MAC\_address

PASSED

```
<Data>
  <OctetString Value="10E77AFFFE98C550" />
</Data>
```

Mngmt Get GPRS modem setup 0-0:25.4.0.255 (@2177)

(1250) .logical\_name

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1251) .APN

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1252) .PIN\_code

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1253) .quality\_of\_service

INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Modem configuration 0-0:2.0.0.255 (@2183)  
(1254) .logical\_name

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1255) .comm\_speed

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1256) .initialization\_string

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1257) .modem\_profile

INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get Auto answer 0-0:2.2.0.255 (@2189)  
(1258) .logical\_name

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1259) .mode

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1260) .listening\_window

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1261) .status

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1262) .number\_of\_calls

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1263) .number\_of\_rings

INAPPLICABLE  
Object is not required according to OM and/or extensions  
(1264) .list\_of\_allowed\_callers

INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Get G3-PLC MAC layer counters 0-0:29.0.0.255 (@2199)  
(1265) .logical\_name

PASSED  
<Data>  
<OctetString Value="00001D0000FF" />

```
</Data>
(1266) .mac_Tx_data_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="000004B4" />
  </Data>
(1267) .mac_Rx_data_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="000003C0" />
  </Data>
(1268) .mac_Tx_cmd_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="0000000C" />
  </Data>
(1269) .mac_Rx_cmd_packet_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="0000000B" />
  </Data>
(1270) .mac_CSMA_fail_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1271) .mac_CSMA_no_ACK_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1272) .mac_bad_CRC_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>
(1273) .mac_Tx_data_broadcast_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000001" />
  </Data>
(1274) .mac_Rx_data_broadcast_count
PASSED
  <Data>
    <DoubleLongUnsigned Value="00000000" />
  </Data>

Mngmt Get G3-PLC MAC setup 0-0:29.1.0.255 (@2212)
(1275) .logical_name
PASSED
  <Data>
    <OctetString Value="00001D0100FF" />
  </Data>
(1276) .mac_short_address
```



```
        <Unsigned Value="80" />
        <Integer Value="03" />
        <Unsigned Value="01" />
        <Unsigned Value="00" />
    </Structure>
</Array>
</Data>
(1285) .mac_high_priority_window_size
PASSED
    <Data>
        <Unsigned Value="07" />
    </Data>
(1286) .mac_CSMA_fairness_limit
PASSED
    <Data>
        <Unsigned Value="19" />
    </Data>
(1287) .mac_beacon_randomization_window_length
PASSED
    <Data>
        <Unsigned Value="0C" />
    </Data>
(1288) .mac_A
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(1289) .mac_K
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(1290) .mac_min_CW_attempts
PASSED
    <Data>
        <Unsigned Value="0A" />
    </Data>
(1291) .mac_cenelec_legacy_mode
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1292) .mac_FCC_legacy_mode
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(1293) .mac_max_BE
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(1294) .mac_max_CSMA_backoffs
PASSED
```

```

    <Data>
      <Unsigned Value="32" />
    </Data>
(1295) .mac_min_BE
PASSED
    <Data>
      <Unsigned Value="03" />
    </Data>

Mngmt Get G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)
(1296) .logical_name
PASSED
    <Data>
      <OctetString Value="00001D0200FF" />
    </Data>
(1297) .adp_max_hops
PASSED
    <Data>
      <Unsigned Value="0E" />
    </Data>
(1298) .adp_weak_LQI_value
PASSED
    <Data>
      <Unsigned Value="34" />
    </Data>
(1299) .adp_security_level
PASSED
    <Data>
      <Unsigned Value="05" />
    </Data>
(1300) .adp_prefix_table
PASSED
    <Data>
      <Array Qty="0000" >
        </Array>
    </Data>
(1301) .adp_routing_configuration
PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="000E" >
          <Unsigned Value="1E" />
          <LongUnsigned Value="05A0" />
          <Unsigned Value="00" />
          <Unsigned Value="00" />
          <Unsigned Value="00" />
          <Unsigned Value="0A" />
          <Unsigned Value="04" />
          <Unsigned Value="00" />
          <Unsigned Value="00" />
          <Unsigned Value="1E" />
          <LongUnsigned Value="000A" />
          <Boolean Value="01" />
          <Boolean Value="00" />
        </Structure>
      </Array>
    </Data>

```

```

                <Unsigned Value="00" />
            </Structure>
        </Array>
    </Data>
(1302) .adp_broadcast_log_table_entry_TTL
PASSED
    <Data>
        <LongUnsigned Value="0002" />
    </Data>
(1303) .adp_routing_table
PASSED
    <Data>
        <Array Qty="0001" >
            <Structure Qty="0006" >
                <LongUnsigned Value="0000" />
                <LongUnsigned Value="0000" />
                <LongUnsigned Value="0004" />
                <Unsigned Value="01" />
                <Unsigned Value="00" />
                <LongUnsigned Value="05A0" />
            </Structure>
        </Array>
    </Data>
(1304) .adp_context_information_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1305) .adp_blacklist_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1306) .adp_broadcast_log_table
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(1307) .adp_group_table
PASSED
    <Data>
        <Array Qty="0001" >
            <LongUnsigned Value="8001" />
        </Array>
    </Data>
(1308) .adp_max_join_wait_time
PASSED
    <Data>
        <LongUnsigned Value="0014" />
    </Data>
(1309) .adp_path_discovery_time

```

```

PASSED
  <Data>
    <Unsigned Value="28" />
  </Data>
(1310) .adp_active_key_index
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>
(1311) .adp_metric_type
PASSED
  <Data>
    <Unsigned Value="0F" />
  </Data>
(1312) .adp_coord_short_address
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>
(1313) .adp_disable_default_routing
PASSED
  <Data>
    <Boolean Value="00" />
  </Data>
(1314) .adp_device_type
PASSED
  <Data>
    <Enum Value="00" />
  </Data>

```

```

*****
Test Case 6 : Set mngmt attributes, 325 item(s)
*****

```

```

Mngmt Set Current association 0-0:40.0.0.255 (@9)
(1) .authentication_mechanism_name
INAPPLICABLE
  Optional access right not available
(2) .secret
INAPPLICABLE
  Optional access right not available

Mngmt Set Security setup 0-0:43.0.0.255 (@24)
(3) .security_suite
PASSED
  <Data>
    <Enum Value="00" />
  </Data>

Mngmt Set Device ID 2 0-0:96.1.1.255 (@50)
(4) .value
PASSED
  <Data>
    <OctetString Value="\230399000059" />

```



</Data>

Mngmt Set Device ID 3 0-0:96.1.2.255 (@54)  
(5) .value

PASSED

<Data>  
 <OctetString Value="" />  
</Data>

Mngmt Set Device ID 4 0-0:96.1.3.255 (@58)  
(6) .value

PASSED

<Data>  
 <OctetString Value="" />  
</Data>

Mngmt Set Device ID 5 0-0:96.1.4.255 (@62)  
(7) .value

PASSED

<Data>  
 <OctetString Value="" />  
</Data>

Mngmt Set Clock 0-0:1.0.0.255 (@75)  
(8) .time

PASSED

<Data>  
 <OctetString Value="07E7090E0409151500800080" />  
</Data>

(9) .time\_zone

PASSED

<Data>  
 <Long Value="FFC4" />  
</Data>

(10) .daylights\_savings\_begin

PASSED

<Data>  
 <OctetString Value="FFFF03FE07020000008000FF" />  
</Data>

(11) .daylights\_savings\_end

PASSED

<Data>  
 <OctetString Value="FFFF0AFE07030000008000FF" />  
</Data>

(12) .daylights\_savings\_deviation

PASSED

<Data>  
 <Integer Value="3C" />  
</Data>

(13) .daylights\_savings\_enabled

PASSED

<Data>  
 <Boolean Value="01" />  
</Data>

Mngmt Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)

(14) .value

PASSED

```
<Data>
  <Unsigned Value="3C" />
</Data>
```

Mngmt Set NTP setup 0-0:25.10.0.255 (@100)

(15) .activated

INAPPLICABLE

Optional object is not implemented

(16) .server\_address

INAPPLICABLE

Optional object is not implemented

(17) .server\_port

INAPPLICABLE

Optional object is not implemented

(18) .authentication\_method

INAPPLICABLE

Optional object is not implemented

(19) .authentication\_keys

INAPPLICABLE

Optional object is not implemented

(20) .client\_key

INAPPLICABLE

Optional object is not implemented

Mngmt Set Activity Calendar 0-0:13.0.0.255 (@112)

(21) .calendar\_name\_passive

PASSED

```
<Data>
  <OctetString Value="\CNP_CC83" />
</Data>
```

(22) .season\_profile\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <OctetString Value="\0" />
      <OctetString Value="FFFF0101FF00000000800000" />
      <OctetString Value="\0" />
    </Structure>
  </Array>
</Data>
```

(23) .week\_profile\_table\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0008" >
      <OctetString Value="\0" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
    </Structure>
  </Array>
</Data>
```

```

        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
    </Structure>
</Array>
</Data>
(24) .day_profile_table_passive
PASSED
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Unsigned Value="00" />
      <Array Qty="0001" >
        <Structure Qty="0003" >
          <OctetString Value="00000000" />
          <OctetString Value="00000A0064FF" />
          <LongUnsigned Value="0001" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>

```

```

(25) .activate_passive_calendar_time
PASSED
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>

```

Mngmt Set Special Days Table 0-0:11.0.0.255 (@125)

```

(26) .entries
PASSED
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="001E" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001D" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001C" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001B" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>

```

```
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
```

```
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
```

```

    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0004" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0003" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0002" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>

```

Mngmt Set Register activation - Energy 0-0:14.0.1.255 (@129)

(27) .register\_assignment

INAPPLICABLE

Optional access right not available

(28) .mask\_list

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\T1" />
      <Array Qty="000C" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T2" />
      <Array Qty="000C" >
        <Unsigned Value="02" />

```

```
<Unsigned Value="06" />
<Unsigned Value="0A" />
<Unsigned Value="0E" />
<Unsigned Value="12" />
<Unsigned Value="16" />
<Unsigned Value="1A" />
<Unsigned Value="1E" />
<Unsigned Value="22" />
<Unsigned Value="26" />
<Unsigned Value="2A" />
<Unsigned Value="2E" />
</Array>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="\T3" />
  <Array Qty="000C" >
    <Unsigned Value="03" />
    <Unsigned Value="07" />
    <Unsigned Value="0B" />
    <Unsigned Value="0F" />
    <Unsigned Value="13" />
    <Unsigned Value="17" />
    <Unsigned Value="1B" />
    <Unsigned Value="1F" />
    <Unsigned Value="23" />
    <Unsigned Value="27" />
    <Unsigned Value="2B" />
    <Unsigned Value="2F" />
  </Array>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="\T4" />
  <Array Qty="000C" >
    <Unsigned Value="04" />
    <Unsigned Value="08" />
    <Unsigned Value="0C" />
    <Unsigned Value="10" />
    <Unsigned Value="14" />
    <Unsigned Value="18" />
    <Unsigned Value="1C" />
    <Unsigned Value="20" />
    <Unsigned Value="24" />
    <Unsigned Value="28" />
    <Unsigned Value="2C" />
    <Unsigned Value="30" />
  </Array>
</Structure>
</Array>
</Data>
```

Mngmt Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)  
(29) .register\_assignment  
INAPPLICABLE  
Optional access right not available

(30) .mask\_list  
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\T1" />
      <Array Qty="0004" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T2" />
      <Array Qty="0004" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T3" />
      <Array Qty="0004" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T4" />
      <Array Qty="0004" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
      </Array>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Tariffication script table 0-0:10.0.100.255 (@141)  
(31) .scripts  
PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <LongUnsigned Value="0001" />
      <Array Qty="0002" >
        <Structure Qty="0005" >
          <Enum Value="01" />
          <LongUnsigned Value="0006" />
        </Structure>
      </Array>
    </Structure>
  </Array>
```



```
        <OctetString Value="00000E0001FF" />
        <Integer Value="04" />
        <OctetString Value="\T1" />
    </Structure>
    <Structure Qty="0005" >
        <Enum Value="01" />
        <LongUnsigned Value="0006" />
        <OctetString Value="00000E0002FF" />
        <Integer Value="04" />
        <OctetString Value="\T1" />
    </Structure>
</Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0002" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\T2" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\T2" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0003" />
    <Array Qty="0002" >
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0001FF" />
            <Integer Value="04" />
            <OctetString Value="\T3" />
        </Structure>
        <Structure Qty="0005" >
            <Enum Value="01" />
            <LongUnsigned Value="0006" />
            <OctetString Value="00000E0002FF" />
            <Integer Value="04" />
            <OctetString Value="\T3" />
        </Structure>
    </Array>
</Structure>
<Structure Qty="0002" >
    <LongUnsigned Value="0004" />
    <Array Qty="0002" >
```

```

    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0001FF" />
      <Integer Value="04" />
      <OctetString Value="\T4" />
    </Structure>
    <Structure Qty="0005" >
      <Enum Value="01" />
      <LongUnsigned Value="0006" />
      <OctetString Value="00000E0002FF" />
      <Integer Value="04" />
      <OctetString Value="\T4" />
    </Structure>
  </Array>
</Structure>
</Array>
</Data>

```

Mngmt Set End of billing period 1 scheduler 0-0:15.0.0.255 (@152)

(32) .type

PASSED

```

<Data>
  <Enum Value="01" />
</Data>

```

(33) .execution\_time

PASSED

```

<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <OctetString Value="00000000" />
      <OctetString Value="FFFFFF01FF" />
    </Structure>
  </Array>
</Data>

```

Mngmt Set Data of billing period 1 0-0:98.1.0.255 (@158)

(34) .capture\_objects

PASSED

```

<Data>
  <Array Qty="0005" >
    <Structure Qty="0004" >
      <LongUnsigned Value="0008" />
      <OctetString Value="0000010000FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
      <LongUnsigned Value="0003" />
      <OctetString Value="0100010801FF" />
      <Integer Value="02" />
      <LongUnsigned Value="0000" />
    </Structure>
  <Structure Qty="0004" >

```

```
        <LongUnsigned Value="0003" />
        <OctetString Value="0100010802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020801FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100020802FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

Mngmt Set Disconnect control scheduler 0-0:15.0.1.255 (@170)  
(35) .executed\_script  
PASSED

```
<Data>
  <Structure Qty="0002" >
    <OctetString Value="00000A006AFF" />
    <LongUnsigned Value="0003" />
  </Structure>
</Data>
```

(36) .type  
INAPPLICABLE  
Optional access right not available

(37) .execution\_time  
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Set Disconnect control 0-0:96.3.10.255 (@181)  
(38) .control\_mode  
PASSED

```
<Data>
  <Enum Value="04" />
</Data>
```

Mngmt Set Disconnect Control Log 0-0:99.98.2.255 (@193)  
(39) .capture\_objects  
INAPPLICABLE  
Optional access right not available

Mngmt Set Load Mgmt - Relay control 1 0-1:96.3.10.255 (@209)  
(40) .control\_mode  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Load Mgmt - Relay control 2 0-2:96.3.10.255 (@217)  
(41) .control\_mode

INAPPLICABLE

Optional object is not implemented

Mngmt Set Limiter 0-0:17.0.0.255 (@225)  
(42) .monitored\_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0003" />
    <OctetString Value="01005A0700FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(43) .threshold\_normal

PASSED

```
<Data>
  <LongUnsigned Value="287C" />
</Data>
```

(44) .treshold\_emergency

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(45) .min\_over\_threshold\_duration

PASSED

```
<Data>
  <DoubleLongUnsigned Value="000000B4" />
</Data>
```

(46) .min\_under\_threshold\_duration

PASSED

```
<Data>
  <DoubleLongUnsigned Value="000000B4" />
</Data>
```

(47) .emergency\_profile

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0000" />
    <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
    <DoubleLongUnsigned Value="00000E10" />
  </Structure>
</Data>
```

(48) .emergency\_profile\_group\_id\_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(49) .actions

PASSED

```
<Data>
  <Structure Qty="0002" >
    <Structure Qty="0002" >
      <OctetString Value="00000A006AFF" />
      <LongUnsigned Value="0001" />
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="00000A006AFF" />
      <LongUnsigned Value="0002" />
    </Structure>
  </Structure>
</Data>
```

Mngmt Set Supervision monitor 1 - Fuse supervision L1 1-0:31.4.0.255 (@238)

(50) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Array>
</Data>
```

(51) .monitored\_value

PASSED

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="01001F0400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

(52) .actions

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Supervision monitor 2 - Fuse supervision L2 1-0:51.4.0.255 (@244)

(53) .thresholds

PASSED

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Array>
```

```
</Data>
(54) .monitored_value
PASSED
```

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100330400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

```
(55) .actions
PASSED
```

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0000" />
      </Structure>
    </Structure>
  </Array>
</Data>
```

Mngmt Set Supervision monitor 3 - Fuse supervision L3 1-0:71.4.0.255 (@250)

```
(56) .thresholds
PASSED
```

```
<Data>
  <Array Qty="0001" >
    <DoubleLongUnsigned Value="FFFFFFFF" />
  </Array>
</Data>
```

```
(57) .monitored_value
PASSED
```

```
<Data>
  <Structure Qty="0003" >
    <LongUnsigned Value="0005" />
    <OctetString Value="0100470400FF" />
    <Integer Value="02" />
  </Structure>
</Data>
```

```
(58) .actions
PASSED
```

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Structure Qty="0002" >
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0001" />
      </Structure>
      <Structure Qty="0002" >
```

```
        <OctetString Value="00000A006AFF" />
        <LongUnsigned Value="0000" />
    </Structure>
</Structure>
</Array>
</Data>
```

Mngmt Set Error Register 0-0:97.97.0.255 (@257)  
(59) .value  
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000000" />
</Data>
```

Mngmt Set Alarm Register 1 0-0:97.98.0.255 (@261)  
(60) .value  
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000000" />
</Data>
```

Mngmt Set Alarm Filter 1 0-0:97.98.10.255 (@265)  
(61) .value  
PASSED

```
<Data>
    <DoubleLongUnsigned Value="FFFFFFFF" />
</Data>
```

Mngmt Set Alarm Descriptor 1 0-0:97.98.20.255 (@269)  
(62) .value  
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000000" />
</Data>
```

Mngmt Set Alarm Monitor 1 0-0:16.1.0.255 (@273)  
(63) .actions  
PASSED

```
<Data>
    <Array Qty="0001" >
        <Structure Qty="0002" >
            <Structure Qty="0002" >
                <OctetString Value="00000A006CFF" />
                <LongUnsigned Value="0004" />
            </Structure>
            <Structure Qty="0002" >
                <OctetString Value="00000A006CFF" />
                <LongUnsigned Value="0000" />
            </Structure>
        </Structure>
    </Array>
</Data>
```

Mngmt Set Alarm Register 2 0-0:97.98.1.255 (@279)

(64) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

Mngmt Set Alarm Filter 2 0-0:97.98.11.255 (@283)  
(65) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="FFFFFFFF" />  
</Data>
```

Mngmt Set Alarm Descriptor 2 0-0:97.98.21.255 (@287)  
(66) .value  
PASSED

```
<Data>  
  <DoubleLongUnsigned Value="00000000" />  
</Data>
```

Mngmt Set Alarm Monitor 2 0-0:16.1.1.255 (@291)  
(67) .actions  
PASSED

```
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0002" >  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0004" />  
      </Structure>  
      <Structure Qty="0002" >  
        <OctetString Value="00000A006CFF" />  
        <LongUnsigned Value="0000" />  
      </Structure>  
    </Structure>  
  </Array>  
</Data>
```

Mngmt Set Standard Event Log 0-0:99.98.0.255 (@301)  
(68) .capture\_objects  
INAPPLICABLE

Optional access right not available

Mngmt Set Fraud Detection Log 0-0:99.98.1.255 (@316)  
(69) .capture\_objects  
INAPPLICABLE

Optional access right not available

Mngmt Set Communication Log 0-0:99.98.5.255 (@331)  
(70) .capture\_objects  
INAPPLICABLE

Optional access right not available

Mngmt Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)



(71) .value  
PASSED

```
<Data>  
  <OctetString Value="" />  
</Data>
```

Mngmt Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)  
(72) .value  
PASSED

```
<Data>  
  <OctetString Value="\12345678" />  
</Data>
```

Mngmt Set Push action scheduler - Consumer Information 0-4:15.0.4.255 (@351)  
(73) .executed\_script  
INAPPLICABLE

Object is not required according to OM and/or extensions

(74) .type  
INAPPLICABLE

Object is not required according to OM and/or extensions

(75) .execution\_time  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Push setup - Consumer Information 0-6:25.9.0.255 (@357)  
(76) .push\_object\_list  
INAPPLICABLE

Object is not required according to OM and/or extensions

(77) .send\_destination\_and\_method  
INAPPLICABLE

Object is not required according to OM and/or extensions

(78) .communication\_window  
INAPPLICABLE

Object is not required according to OM and/or extensions

(79) .randomisation\_start\_interval  
INAPPLICABLE

Object is not required according to OM and/or extensions

(80) .number\_of\_retries  
INAPPLICABLE

Object is not required according to OM and/or extensions

(81) .repetition\_delay  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Security setup - Consumer Information 0-0:43.0.1.255 (@367)  
(82) .security\_suite  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255  
(@376)

(83) .comm\_speed  
INAPPLICABLE

Object is not required according to OM and/or extensions

(84) .window\_size\_transmit  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(85) .window\_size\_receive  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(86) .max\_info\_field\_lenght\_transmit  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(87) .max\_info\_field\_lenght\_receive  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(88) .inter\_octet\_time\_out  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(89) .inactivity\_time\_out  
INAPPLICABLE  
Object is not required according to OM and/or extensions  
(90) .device\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Set Image transfer 0-0:44.0.0.255 (@388)

(91) .image\_block\_size  
PASSED  
<Data>  
    <DoubleLongUnsigned Value="00000200" />  
</Data>

(92) .image\_transfer\_enabled  
PASSED  
<Data>  
    <Boolean Value="01" />  
</Data>

Mngmt Set Image transfer activation scheduler 0-0:15.0.2.255 (@401)

(93) .executed\_script  
INAPPLICABLE  
Optional access right not available

(94) .type  
INAPPLICABLE  
Optional access right not available

(95) .execution\_time  
PASSED  
<Data>  
    <Array Qty="0000" >  
    </Array>  
</Data>

Mngmt Set Demand Register 1 - Active energy import (+A) 1-0:1.4.0.255 (@775)

(96) .period  
PASSED  
<Data>  
    <DoubleLongUnsigned Value="00000384" />  
</Data>

(97) .number\_of\_periods  
PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Set Demand Register 2 - Active energy export (-A) 1-0:2.4.0.255 (@788)

(98) .period  
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(99) .number\_of\_periods  
PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Set Demand Register 3 - Reactive energy import (+R) 1-0:3.4.0.255  
(@801)

(100) .period  
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(101) .number\_of\_periods  
PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Set Demand Register 4 - Reactive energy export (-R) 1-0:4.4.0.255  
(@814)

(102) .period  
PASSED

```
<Data>
  <DoubleLongUnsigned Value="00000384" />
</Data>
```

(103) .number\_of\_periods  
PASSED

```
<Data>
  <LongUnsigned Value="0001" />
</Data>
```

Mngmt Set Demand Register 5 - Apparent energy import (+VA) 1-0:9.4.0.255  
(@827)

(104) .period  
INAPPLICABLE

Optional object is not implemented

(105) .number\_of\_periods  
INAPPLICABLE

Optional object is not implemented

Mngmt Set Demand Register 6 - Apparent energy export (-VA) 1-0:10.4.0.255

(@840)  
 (106) .period  
 INAPPLICABLE  
 Optional object is not implemented  
 (107) .number\_of\_periods  
 INAPPLICABLE  
 Optional object is not implemented

Mngmt Set Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255

(@1146)  
 (108) .capture\_objects  
 PASSED  
 <Data>  
 <Array Qty="000A" >  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0008" />  
 <OctetString Value="0000010000FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0001" />  
 <OctetString Value="0000600A01FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0003" />  
 <OctetString Value="0100010800FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0003" />  
 <OctetString Value="0100020800FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0003" />  
 <OctetString Value="0100050800FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0003" />  
 <OctetString Value="0100060800FF" />  
 <Integer Value="02" />  
 <LongUnsigned Value="0000" />  
 </Structure>  
 <Structure Qty="0004" >  
 <LongUnsigned Value="0003" />  
 <OctetString Value="0100070800FF" />  
 <Integer Value="02" />

```
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100080800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="0100090800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
    <Structure Qty="0004" >
        <LongUnsigned Value="0003" />
        <OctetString Value="01000A0800FF" />
        <Integer Value="02" />
        <LongUnsigned Value="0000" />
    </Structure>
</Array>
</Data>
```

(109) .capture\_period  
PASSED

```
<Data>
    <DoubleLongUnsigned Value="00000384" />
</Data>
```

(110) .profile\_entries  
INAPPLICABLE

Optional access right not available

Mngmt Set Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255  
(@1161)

(111) .capture\_objects  
PASSED

```
<Data>
    <Array Qty="000A" >
        <Structure Qty="0004" >
            <LongUnsigned Value="0008" />
            <OctetString Value="0000010000FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
            <LongUnsigned Value="0001" />
            <OctetString Value="0000600A02FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
        <Structure Qty="0004" >
            <LongUnsigned Value="0003" />
            <OctetString Value="0100010800FF" />
            <Integer Value="02" />
            <LongUnsigned Value="0000" />
        </Structure>
    </Array>
```

```
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100020800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100050800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100060800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100070800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100080800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="0100090800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
<Structure Qty="0004" >
  <LongUnsigned Value="0003" />
  <OctetString Value="01000A0800FF" />
  <Integer Value="02" />
  <LongUnsigned Value="0000" />
</Structure>
```

```
</Array>
```

```
</Data>
```

```
(112) .capture_period
```

```
PASSED
```

```
<Data>
```

```
<DoubleLongUnsigned Value="00015180" />
```

```
</Data>
```

```
(113) .profile_entries
```

```
INAPPLICABLE
```

```
Optional access right not available
```

Mngmt Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)  
(114) .value  
PASSED  
<Data>  
    <LongUnsigned Value="00B4" />  
</Data>

Mngmt Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)  
(115) .value  
PASSED  
<Data>  
    <LongUnsigned Value="00CF" />  
</Data>

Mngmt Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)  
(116) .value  
PASSED  
<Data>  
    <LongUnsigned Value="001E" />  
</Data>

Mngmt Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)  
(117) .value  
PASSED  
<Data>  
    <LongUnsigned Value="00FD" />  
</Data>

Mngmt Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)  
(118) .value  
PASSED  
<Data>  
    <LongUnsigned Value="001E" />  
</Data>

Mngmt Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)  
(119) .value  
PASSED  
<Data>  
    <LongUnsigned Value="0067" />  
</Data>

Mngmt Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)  
(120) .value  
PASSED  
<Data>  
    <LongUnsigned Value="001E" />  
</Data>

Mngmt Set Power Failure Event Log 1-0:99.97.0.255 (@1325)  
(121) .capture\_objects  
INAPPLICABLE  
    Optional access right not available

Mngmt Set Power Quality Log 0-0:99.98.4.255 (@1340)  
(122) .capture\_objects  
INAPPLICABLE  
Optional access right not available

Mngmt Set Sliding Average current L1 (for fuse supervision) 1-0:31.4.0.255 (@1369)  
(123) .number\_of\_periods  
PASSED  
<Data>  
    <LongUnsigned Value="005A" />  
</Data>

Mngmt Set Sliding Average current L2 (for fuse supervision) 1-0:51.4.0.255 (@1400)  
(124) .number\_of\_periods  
PASSED  
<Data>  
    <LongUnsigned Value="005A" />  
</Data>

Mngmt Set Sliding Average current L3 (for fuse supervision) 1-0:71.4.0.255 (@1431)  
(125) .number\_of\_periods  
PASSED  
<Data>  
    <LongUnsigned Value="005A" />  
</Data>

Mngmt Set Average Import Power (+A) 1-0:1.24.0.255 (@1498)  
(126) .number\_of\_periods  
PASSED  
<Data>  
    <LongUnsigned Value="000F" />  
</Data>

Mngmt Set Average Net Power (|+A|-|-A|) 1-0:16.24.0.255 (@1511)  
(127) .number\_of\_periods  
INAPPLICABLE  
Optional object is not implemented

Mngmt Set Average Total Power (|+A|+|-A|) 1-0:15.24.0.255 (@1524)  
(128) .number\_of\_periods  
PASSED  
<Data>  
    <LongUnsigned Value="000F" />  
</Data>

Mngmt Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)  
(129) .value  
INAPPLICABLE  
Optional object is not implemented

Mngmt Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)



(130) .mbus\_port\_reference  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(131) .capture\_definition  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(132) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(133) .primary\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)

(134) .mbus\_port\_reference  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(135) .capture\_definition  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(136) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(137) .primary\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)

(138) .mbus\_port\_reference  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(139) .capture\_definition  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(140) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(141) .primary\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)

(142) .mbus\_port\_reference  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(143) .capture\_definition  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(144) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

(145) .primary\_address  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)  
(146) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)  
(147) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 3 0-1:24.2.3.255 (@1678)  
(148) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 1, instance 4 0-1:24.2.4.255 (@1686)  
(149) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)  
(150) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)  
(151) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 3 0-2:24.2.3.255 (@1710)  
(152) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 2, instance 4 0-2:24.2.4.255 (@1718)  
(153) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)  
(154) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)  
(155) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 3 0-3:24.2.3.255 (@1742)  
(156) .scaler\_unit  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 3, instance 4 0-3:24.2.4.255 (@1750)  
(157) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)  
(158) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)  
(159) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 3 0-4:24.2.3.255 (@1774)  
(160) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Value channel 4, instance 4 0-4:24.2.4.255 (@1782)  
(161) .scaler\_unit

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)  
(162) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)  
(163) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)  
(164) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)  
(165) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)  
(166) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)  
(167) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)  
(168) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)  
(169) .value

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)  
(170) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(171) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)  
(172) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(173) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)  
(174) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(175) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)  
(176) .capture\_objects

INAPPLICABLE

Object is not required according to OM and/or extensions

(177) .capture\_period

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)  
(178) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)  
(179) .control\_mode

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)  
(180) .control\_mode  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)  
(181) .control\_mode  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)  
(182) .executed\_script  
INAPPLICABLE

Object is not required according to OM and/or extensions

(183) .type  
INAPPLICABLE

Object is not required according to OM and/or extensions

(184) .execution\_time  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)  
(185) .capture\_objects  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)  
(186) .capture\_objects  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)  
(187) .capture\_objects  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)  
(188) .capture\_objects  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set M-Bus Event Log 0-0:99.98.3.255 (@1989)  
(189) .capture\_objects  
INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)  
(190) .default\_mode  
PASSED

```
<Data>  
  <Enum Value="01" />  
</Data>
```

(191) .default\_baud

```
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(192) .prop_baud
PASSED
    <Data>
        <Enum Value="05" />
    </Data>
(193) .response_time
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(194) .device_addr
PASSED
    <Data>
        <OctetString Value="" />
    </Data>
(195) .pass_p1
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>
(196) .pass_p2
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>
(197) .pass_p3
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>

Mngmt Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)
(198) .comm_speed
PASSED
    <Data>
        <Enum Value="05" />
    </Data>
(199) .window_size_transmit
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(200) .window_size_receive
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(201) .max_info_field_lenght_transmit
PASSED
    <Data>
```

```

        <LongUnsigned Value="0080" />
    </Data>
(202) .max_info_field_lenght_receive
PASSED
    <Data>
        <LongUnsigned Value="0080" />
    </Data>
(203) .inter_octet_time_out
PASSED
    <Data>
        <LongUnsigned Value="0014" />
    </Data>
(204) .inactivity_time_out
PASSED
    <Data>
        <LongUnsigned Value="0078" />
    </Data>
(205) .device_address
PASSED
    <Data>
        <LongUnsigned Value="0011" />
    </Data>

Mngmt Set TCP-UDP setup 0-0:25.0.0.255 (@2024)
(206) .TCP-UDP_port
PASSED
    <Data>
        <LongUnsigned Value="F0B0" />
    </Data>
(207) .MSS
PASSED
    <Data>
        <LongUnsigned Value="0500" />
    </Data>
(208) .nb_of_sim_conn
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(209) .inactivity_time_out
PASSED
    <Data>
        <LongUnsigned Value="00B4" />
    </Data>

Mngmt Set IPv4 setup 0-0:25.1.0.255 (@2032)
(210) .DL_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(211) .IP_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(212) .multicast_IP_address
INAPPLICABLE

```

Object is not required according to OM and/or extensions  
(213) .IP\_options

INAPPLICABLE

Object is not required according to OM and/or extensions

(214) .subnet\_mask

INAPPLICABLE

Object is not required according to OM and/or extensions

(215) .gateway\_IP\_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(216) .use\_DHCP\_flag

INAPPLICABLE

Object is not required according to OM and/or extensions

(217) .primary\_DNS\_address

INAPPLICABLE

Object is not required according to OM and/or extensions

(218) .secondary\_DNS\_address

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set IPv6 setup 0-0:25.7.0.255 (@2047)

(219) .DL\_reference

PASSED

<Data>

<OctetString Value="0000190200FF" />

</Data>

(220) .address\_config\_mode

PASSED

<Data>

<Enum Value="00" />

</Data>

(221) .unicast\_IPv6\_addresses

PASSED

<Data>

<Array Qty="0001" >

<OctetString Value="\fe80::781d:ff:fe00:1" />

</Array>

</Data>

(222) .multicast\_IPv6\_addresses

PASSED

<Data>

<Array Qty="0001" >

<OctetString Value="\ff02::1" />

</Array>

</Data>

(223) .gateway\_IPv6\_address

PASSED

<Data>

<Array Qty="0000" >

</Array>

</Data>

(224) .primary\_DNS\_address

PASSED

<Data>



```
    <OctetString Value="" />
  </Data>
(225) .secondary_DNS_address
PASSED
```

```
  <Data>
    <OctetString Value="" />
  </Data>
(226) .traffic_class
PASSED
```

```
  <Data>
    <Unsigned Value="00" />
  </Data>
(227) .neighbor_discovery_setup
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="0003" >
        <Unsigned Value="03" />
        <LongUnsigned Value="2710" />
        <DoubleLongUnsigned Value="00000000" />
      </Structure>
    </Array>
  </Data>
```

```
Mngmt Set PPP setup 0-0:25.3.0.255 (@2061)
(228) .PHY_refernce
INAPPLICABLE
  Object is not required according to OM and/or extensions
(229) .LCP_options
INAPPLICABLE
  Object is not required according to OM and/or extensions
(230) .IPCP_options
INAPPLICABLE
  Object is not required according to OM and/or extensions
(231) .PPP_authentication
INAPPLICABLE
  Object is not required according to OM and/or extensions
```

```
Mngmt Set Push setup - Interval_1 0-1:25.9.0.255 (@2069)
(232) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>
(233) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="01" />
      <OctetString Value="\[fe80:0:0:0:781d:ff:fe00:0]:61616" />
      <Enum Value="00" />
    </Structure>
  </Data>
```

```
(234) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
        </Data>
(235) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(236) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(237) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Set Push setup - Interval_2 0-2:25.9.0.255 (@2079)
(238) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
        </Data>
(239) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(240) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
        </Data>
(241) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(242) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
```

```
(243) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>

Mngmt Set Push setup - Interval_3 0-3:25.9.0.255 (@2089)
(244) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

(245) .send_destination_and_method
PASSED
  <Data>
    <Structure Qty="0003" >
      <Enum Value="00" />
      <OctetString Value="" />
      <Enum Value="00" />
    </Structure>
  </Data>

(246) .communication_window
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

(247) .randomisation_start_interval
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>

(248) .number_of_retries
PASSED
  <Data>
    <Unsigned Value="00" />
  </Data>

(249) .repetition_delay
PASSED
  <Data>
    <LongUnsigned Value="0000" />
  </Data>

Mngmt Set Push setup - On Alarm 0-4:25.9.0.255 (@2099)
(250) .push_object_list
PASSED
  <Data>
    <Array Qty="0000" >
    </Array>
  </Data>

(251) .send_destination_and_method
PASSED
  <Data>
```

```

        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(252) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(253) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(254) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(255) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Set Push setup - On Connectivity 0-0:25.9.0.255 (@2109)
(256) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(257) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(258) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
        </Array>
    </Data>
(259) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />

```

```

    </Data>
(260) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(261) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Set Push setup - On Installation 0-7:25.9.0.255 (@2119)
(262) .push_object_list
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
    </Data>
(263) .send_destination_and_method
PASSED
    <Data>
        <Structure Qty="0003" >
            <Enum Value="00" />
            <OctetString Value="" />
            <Enum Value="00" />
        </Structure>
    </Data>
(264) .communication_window
PASSED
    <Data>
        <Array Qty="0000" >
            </Array>
    </Data>
(265) .randomisation_start_interval
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>
(266) .number_of_retries
PASSED
    <Data>
        <Unsigned Value="00" />
    </Data>
(267) .repetition_delay
PASSED
    <Data>
        <LongUnsigned Value="0000" />
    </Data>

Mngmt Set Push setup - On Power down 0-5:25.9.0.255 (@2129)
(268) .push_object_list
INAPPLICABLE
    Optional object is not implemented

```

(269) .send\_destination\_and\_method  
INAPPLICABLE

Optional object is not implemented

(270) .communication\_window  
INAPPLICABLE

Optional object is not implemented

(271) .randomisation\_start\_interval  
INAPPLICABLE

Optional object is not implemented

(272) .number\_of\_retries  
INAPPLICABLE

Optional object is not implemented

(273) .repetition\_delay  
INAPPLICABLE

Optional object is not implemented

Mngmt Set Push script table 0-0:10.0.108.255 (@2139)

(274) .scripts  
INAPPLICABLE

Optional access right not available

Mngmt Set Push action scheduler - Interval\_1 0-1:15.0.4.255 (@2144)

(275) .executed\_script  
INAPPLICABLE

Optional access right not available

(276) .type  
INAPPLICABLE

Optional access right not available

(277) .execution\_time  
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Set Push action scheduler - Interval\_2 0-2:15.0.4.255 (@2150)

(278) .executed\_script  
INAPPLICABLE

Optional access right not available

(279) .type  
INAPPLICABLE

Optional access right not available

(280) .execution\_time  
PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Set Push action scheduler - Interval\_3 0-3:15.0.4.255 (@2156)

(281) .executed\_script  
INAPPLICABLE

Optional access right not available

(282) .type

INAPPLICABLE

Optional access right not available

(283) .execution\_time

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Set Auto connect 0-0:2.1.0.255 (@2163)

(284) .mode

PASSED

```
<Data>
  <Enum Value="65" />
</Data>
```

(285) .repetitions

PASSED

```
<Data>
  <Unsigned Value="00" />
</Data>
```

(286) .repetition\_delay

PASSED

```
<Data>
  <LongUnsigned Value="0000" />
</Data>
```

(287) .calling\_window

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

(288) .destination\_list

PASSED

```
<Data>
  <Array Qty="0000" >
  </Array>
</Data>
```

Mngmt Set GPRS modem setup 0-0:25.4.0.255 (@2177)

(289) .APN

INAPPLICABLE

Object is not required according to OM and/or extensions

(290) .PIN\_code

INAPPLICABLE

Object is not required according to OM and/or extensions

(291) .quality\_of\_service

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Set Modem configuration 0-0:2.0.0.255 (@2183)

(292) .comm\_speed

INAPPLICABLE

Object is not required according to OM and/or extensions

(293) .initialization\_string





(305) .mac\_neighbour\_table\_entry\_TTL  
PASSED

```
<Data>  
  <Unsigned Value="FF" />  
</Data>
```

(306) .mac\_high\_priority\_window\_size  
PASSED

```
<Data>  
  <Unsigned Value="07" />  
</Data>
```

(307) .mac\_CSMA\_fairness\_limit  
PASSED

```
<Data>  
  <Unsigned Value="19" />  
</Data>
```

(308) .mac\_beacon\_randomization\_window\_length  
PASSED

```
<Data>  
  <Unsigned Value="0C" />  
</Data>
```

(309) .mac\_A  
PASSED

```
<Data>  
  <Unsigned Value="08" />  
</Data>
```

(310) .mac\_K  
PASSED

```
<Data>  
  <Unsigned Value="05" />  
</Data>
```

(311) .mac\_min\_CW\_attempts  
PASSED

```
<Data>  
  <Unsigned Value="0A" />  
</Data>
```

(312) .mac\_max\_BE  
PASSED

```
<Data>  
  <Unsigned Value="08" />  
</Data>
```

(313) .mac\_max\_CSMA\_backoffs  
PASSED

```
<Data>  
  <Unsigned Value="32" />  
</Data>
```

(314) .mac\_min\_BE  
PASSED

```
<Data>  
  <Unsigned Value="03" />  
</Data>
```

Mngmt Set G3-PLC MAC 6LoWPAN adaptation layer setup 0-0:29.2.0.255 (@2237)

(315) .adp\_max\_hops  
PASSED

```
<Data>
  <Unsigned Value="0E" />
</Data>
(316) .adp_weak_LQI_value
PASSED
  <Data>
    <Unsigned Value="34" />
  </Data>
(317) .adp_security_level
PASSED
  <Data>
    <Unsigned Value="05" />
  </Data>
(318) .adp_routing_configuration
PASSED
  <Data>
    <Array Qty="0001" >
      <Structure Qty="000E" >
        <Unsigned Value="1E" />
        <LongUnsigned Value="05A0" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="0A" />
        <Unsigned Value="04" />
        <Unsigned Value="00" />
        <Unsigned Value="00" />
        <Unsigned Value="1E" />
        <LongUnsigned Value="000A" />
        <Boolean Value="01" />
        <Boolean Value="00" />
        <Unsigned Value="00" />
      </Structure>
    </Array>
  </Data>
(319) .adp_broadcast_log_table_entry_TTL
PASSED
  <Data>
    <LongUnsigned Value="0002" />
  </Data>
(320) .adp_max_join_wait_time
PASSED
  <Data>
    <LongUnsigned Value="0014" />
  </Data>
(321) .adp_path_discovery_time
PASSED
  <Data>
    <Unsigned Value="28" />
  </Data>
(322) .adp_metric_type
PASSED
  <Data>
    <Unsigned Value="0F" />
```

```
    </Data>
(323) .adp_coord_short_address
PASSED
    <Data>
      <LongUnsigned Value="0000" />
    </Data>
(324) .adp_disable_default_routing
PASSED
    <Data>
      <Boolean Value="00" />
    </Data>
(325) .adp_device_type
PASSED
    <Data>
      <Enum Value="00" />
    </Data>
```

```
*****
Test Case 7 : Set Pre attributes, 71 item(s)
*****
```

```
Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time
PASSED
    <Data>
      <OctetString Value="07E7090E0409151500800080" />
    </Data>
(2) .time_zone
PASSED
    <Data>
      <Long Value="FFC4" />
    </Data>
(3) .daylights_savings_begin
PASSED
    <Data>
      <OctetString Value="FFFF03FE07020000008000FF" />
    </Data>
(4) .daylights_savings_end
PASSED
    <Data>
      <OctetString Value="FFFF0AFE07030000008000FF" />
    </Data>
(5) .daylights_savings_deviation
PASSED
    <Data>
      <Integer Value="3C" />
    </Data>
(6) .daylights_savings_enabled
PASSED
    <Data>
      <Boolean Value="01" />
    </Data>
```

```
Pre Set Clock Time Shift Limit 1-0:0.9.11.255 (@94)
```

(7) .value

PASSED

```
<Data>
  <Unsigned Value="3C" />
</Data>
```

Pre Set NTP setup 0-0:25.10.0.255 (@100)

(8) .activated

INAPPLICABLE

Optional object is not implemented

Pre Set Activity Calendar 0-0:13.0.0.255 (@112)

(9) .calendar\_name\_passive

PASSED

```
<Data>
  <OctetString Value="\CNP_CC83" />
</Data>
```

(10) .season\_profile\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0003" >
      <OctetString Value="\0" />
      <OctetString Value="FFFF0101FF00000000800000" />
      <OctetString Value="\0" />
    </Structure>
  </Array>
</Data>
```

(11) .week\_profile\_table\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0008" >
      <OctetString Value="\0" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
      <Unsigned Value="00" />
    </Structure>
  </Array>
</Data>
```

(12) .day\_profile\_table\_passive

PASSED

```
<Data>
  <Array Qty="0001" >
    <Structure Qty="0002" >
      <Unsigned Value="00" />
      <Array Qty="0001" >
        <Structure Qty="0003" >
          <OctetString Value="00000000" />
          <OctetString Value="00000A0064FF" />
        </Structure>
      </Array>
    </Structure>
  </Array>
</Data>
```

```
        <LongUnsigned Value="0001" />
      </Structure>
    </Array>
  </Structure>
</Array>
</Data>
```

(13) .activate\_passive\_calendar\_time  
PASSED

```
<Data>
  <OctetString Value="FFFFFFFFFFFFFFFF8000FF" />
</Data>
```

Pre Set Special Days Table 0-0:11.0.0.255 (@125)

(14) .entries  
PASSED

```
<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="001E" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001D" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001C" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001B" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="001A" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0019" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0018" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0017" />
```

```
    <OctetString Value="FFFF0108FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0109FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF010AFF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
```

```
<LongUnsigned Value="000C" />
<OctetString Value="FFFF0209FF" />
<Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0002" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
```

```
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF030AFF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>
</Data>
```

Pre Set Register activation - Energy 0-0:14.0.1.255 (@129)

(15) .register\_assignment

INAPPLICABLE

Optional access right not available

(16) .mask\_list

PASSED

```
<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\T1" />
      <Array Qty="000C" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
        <Unsigned Value="11" />
        <Unsigned Value="15" />
        <Unsigned Value="19" />
        <Unsigned Value="1D" />
        <Unsigned Value="21" />
        <Unsigned Value="25" />
        <Unsigned Value="29" />
        <Unsigned Value="2D" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T2" />
      <Array Qty="000C" >
        <Unsigned Value="02" />
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
        <Unsigned Value="12" />
        <Unsigned Value="16" />
        <Unsigned Value="1A" />
        <Unsigned Value="1E" />
        <Unsigned Value="22" />
        <Unsigned Value="26" />
        <Unsigned Value="2A" />
        <Unsigned Value="2E" />
      </Array>
    </Structure>
    <Structure Qty="0002" >
      <OctetString Value="\T3" />
      <Array Qty="000C" >
        <Unsigned Value="03" />
```



```

    <Unsigned Value="07" />
    <Unsigned Value="0B" />
    <Unsigned Value="0F" />
    <Unsigned Value="13" />
    <Unsigned Value="17" />
    <Unsigned Value="1B" />
    <Unsigned Value="1F" />
    <Unsigned Value="23" />
    <Unsigned Value="27" />
    <Unsigned Value="2B" />
    <Unsigned Value="2F" />
  </Array>
</Structure>
<Structure Qty="0002" >
  <OctetString Value="\T4" />
  <Array Qty="000C" >
    <Unsigned Value="04" />
    <Unsigned Value="08" />
    <Unsigned Value="0C" />
    <Unsigned Value="10" />
    <Unsigned Value="14" />
    <Unsigned Value="18" />
    <Unsigned Value="1C" />
    <Unsigned Value="20" />
    <Unsigned Value="24" />
    <Unsigned Value="28" />
    <Unsigned Value="2C" />
    <Unsigned Value="30" />
  </Array>
</Structure>
</Array>
</Data>

```

Pre Set Register activation - Maximum Demand 0-0:14.0.2.255 (@135)

(17) .register\_assignment

INAPPLICABLE

Optional access right not available

(18) .mask\_list

PASSED

```

<Data>
  <Array Qty="0004" >
    <Structure Qty="0002" >
      <OctetString Value="\T1" />
      <Array Qty="0004" >
        <Unsigned Value="01" />
        <Unsigned Value="05" />
        <Unsigned Value="09" />
        <Unsigned Value="0D" />
      </Array>
    </Structure>
  <Structure Qty="0002" >
    <OctetString Value="\T2" />
    <Array Qty="0004" >
      <Unsigned Value="02" />
    </Array>
  </Structure>
</Data>

```

```
        <Unsigned Value="06" />
        <Unsigned Value="0A" />
        <Unsigned Value="0E" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\T3" />
    <Array Qty="0004" >
        <Unsigned Value="03" />
        <Unsigned Value="07" />
        <Unsigned Value="0B" />
        <Unsigned Value="0F" />
    </Array>
</Structure>
<Structure Qty="0002" >
    <OctetString Value="\T4" />
    <Array Qty="0004" >
        <Unsigned Value="04" />
        <Unsigned Value="08" />
        <Unsigned Value="0C" />
        <Unsigned Value="10" />
    </Array>
</Structure>
</Array>
</Data>
```

Pre Set Consumer Message Code - Meter Display 0-0:96.13.1.255 (@343)  
(19) .value  
PASSED

```
<Data>
  <OctetString Value="" />
</Data>
```

Pre Set Consumer Message Text - Consumer Information 0-0:96.13.0.255 (@347)  
(20) .value  
PASSED

```
<Data>
  <OctetString Value="\12345678" />
</Data>
```

Pre Set IEC HDLC setup - Consumer Information Interface 0-1:22.0.0.255 (@376)  
(21) .comm\_speed  
INAPPLICABLE

Object is not required according to OM and/or extensions

(22) .window\_size\_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(23) .window\_size\_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(24) .max\_info\_field\_lenght\_transmit

INAPPLICABLE

Object is not required according to OM and/or extensions

(25) .max\_info\_field\_lenght\_receive

INAPPLICABLE

Object is not required according to OM and/or extensions

(26) .inter\_octet\_time\_out

INAPPLICABLE

Object is not required according to OM and/or extensions

(27) .inactivity\_time\_out

INAPPLICABLE

Object is not required according to OM and/or extensions

Pre Set Time threshold for long power failure 0-0:96.7.20.255 (@1181)

(28) .value

PASSED

```
<Data>
  <LongUnsigned Value="00B4" />
</Data>
```

Pre Set Threshold for voltage sag 1-0:12.31.0.255 (@1193)

(29) .value

PASSED

```
<Data>
  <LongUnsigned Value="00CF" />
</Data>
```

Pre Set Time threshold for voltage sag 1-0:12.43.0.255 (@1199)

(30) .value

PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

Pre Set Threshold for voltage swell 1-0:12.35.0.255 (@1253)

(31) .value

PASSED

```
<Data>
  <LongUnsigned Value="00FD" />
</Data>
```

Pre Set Time threshold for voltage swell 1-0:12.44.0.255 (@1259)

(32) .value

PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

Pre Set Threshold for missing voltage (voltage cut) 1-0:12.39.0.255 (@1313)

(33) .value

PASSED

```
<Data>
  <LongUnsigned Value="0067" />
</Data>
```

Pre Set Time threshold for voltage cut 1-0:12.45.0.255 (@1319)

(34) .value

PASSED

```
<Data>
  <LongUnsigned Value="001E" />
</Data>
```

Pre Set Measurement Period 3 for Instantaneous values 1-0:0.8.2.255 (@1559)  
(35) .value  
INAPPLICABLE  
Optional object is not implemented

Pre Set M-Bus client channel 1 0-1:24.1.0.255 (@1574)  
(36) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 2 0-2:24.1.0.255 (@1596)  
(37) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 3 0-3:24.1.0.255 (@1618)  
(38) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus client channel 4 0-4:24.1.0.255 (@1640)  
(39) .capture\_period  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)  
(40) .control\_mode  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)  
(41) .control\_mode  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)  
(42) .control\_mode  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)  
(43) .control\_mode  
INAPPLICABLE  
Object is not required according to OM and/or extensions

Pre Set IEC local port setup - IEC Optical port 0-0:20.0.0.255 (@2001)  
(44) .default\_mode  
PASSED

```
<Data>
  <Enum Value="01" />
```

```
    </Data>
(45) .default_baud
PASSED
    <Data>
        <Enum Value="00" />
    </Data>
(46) .prop_baud
PASSED
    <Data>
        <Enum Value="05" />
    </Data>
(47) .response_time
PASSED
    <Data>
        <Enum Value="01" />
    </Data>
(48) .device_addr
PASSED
    <Data>
        <OctetString Value="" />
    </Data>
(49) .pass_p1
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>
(50) .pass_p2
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>
(51) .pass_p3
PASSED
    <Data>
        <OctetString Value="\12345678" />
    </Data>
```

Pre Set IEC HDLC setup - HDLC Optical port 0-0:22.0.0.255 (@2012)

```
(52) .comm_speed
PASSED
    <Data>
        <Enum Value="05" />
    </Data>
(53) .window_size_transmit
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(54) .window_size_receive
PASSED
    <Data>
        <Unsigned Value="01" />
    </Data>
(55) .max_info_field_lenght_transmit
```

PASSED

```
<Data>
  <LongUnsigned Value="0080" />
</Data>
```

(56) .max\_info\_field\_lenght\_receive

PASSED

```
<Data>
  <LongUnsigned Value="0080" />
</Data>
```

(57) .inter\_octet\_time\_out

PASSED

```
<Data>
  <LongUnsigned Value="0014" />
</Data>
```

(58) .inactivity\_time\_out

PASSED

```
<Data>
  <LongUnsigned Value="0078" />
</Data>
```

Pre Set G3-PLC MAC setup 0-0:29.1.0.255 (@2212)

(59) .mac\_TMR\_TTL

PASSED

```
<Data>
  <Unsigned Value="02" />
</Data>
```

(60) .mac\_max\_frame\_retries

PASSED

```
<Data>
  <Unsigned Value="05" />
</Data>
```

(61) .mac\_neighbour\_table\_entry\_TTL

PASSED

```
<Data>
  <Unsigned Value="FF" />
</Data>
```

(62) .mac\_high\_priority\_window\_size

PASSED

```
<Data>
  <Unsigned Value="07" />
</Data>
```

(63) .mac\_CSMA\_fairness\_limit

PASSED

```
<Data>
  <Unsigned Value="19" />
</Data>
```

(64) .mac\_beacon\_randomization\_window\_length

PASSED

```
<Data>
  <Unsigned Value="0C" />
</Data>
```

(65) .mac\_A

PASSED

```
<Data>
```

```
        <Unsigned Value="08" />
    </Data>
(66) .mac_K
PASSED
    <Data>
        <Unsigned Value="05" />
    </Data>
(67) .mac_min_CW_attempts
PASSED
    <Data>
        <Unsigned Value="0A" />
    </Data>
(68) .mac_max_BE
PASSED
    <Data>
        <Unsigned Value="08" />
    </Data>
(69) .mac_max_CSMA_backoffs
PASSED
    <Data>
        <Unsigned Value="32" />
    </Data>
(70) .mac_min_BE
PASSED
    <Data>
        <Unsigned Value="03" />
    </Data>
(71) Pre Set passive calendar name and check
PASSED
    calendar_name_passive set to "CNP_39B1"
```

```
*****
Test Case 8 : Selective access of profiles, 18 item(s)
*****
```

```
Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .buffer
PASSED
    Earliest date: 13-APR-2023 15:39:07, latest date: 13-SEP-2023 15:41:23
    Middle date: 13-JUL-2023 15:39:05

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(2) .buffer
PASSED
    Earliest date: 13-APR-2023 15:39:01, latest date: 14-SEP-2023 09:21:44
    Middle date: 13-AUG-2023 15:39:07

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(3) .buffer
PASSED
    Earliest date: 14-SEP-2023 09:21:21, latest date: 14-SEP-2023 09:32:56
    Middle date: 14-SEP-2023 09:22:40

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
```

(4) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 11:16:54  
Middle date: 13-JUL-2023 15:39:05

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)

(5) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 11:26:15  
Middle date: 13-SEP-2023 15:43:13

Mngmt Get Load profile with period 1 i.e. General Load Profile 1-0:99.1.0.255 (@1146)

(6) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 11:30:00  
Middle date: 13-SEP-2023 18:30:00

Mngmt Get Load profile with period 2 i.e. Daily Values Profile 1-0:99.2.0.255 (@1161)

(7) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 00:00:00  
Middle date: 13-AUG-2023 15:39:07

Mngmt Get Power Failure Event Log 1-0:99.97.0.255 (@1325)

(8) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 11:16:54  
Middle date: 13-JUL-2023 15:39:05

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)

(9) .buffer

PASSED

Earliest date: 13-APR-2023 15:39:07, latest date: 14-SEP-2023 11:23:35  
Middle date: 13-SEP-2023 15:41:59

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)

(10) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)

(11) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)

(12) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)

(13) .buffer



INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)  
(14) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)  
(15) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)  
(16) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)  
(17) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)  
(18) .buffer

INAPPLICABLE

Object is not required according to OM and/or extensions

\*\*\*\*\*

Test Case 9 : Multiple references, 4 item(s)

\*\*\*\*\*

(1) Public, logical names

INAPPLICABLE

Public client does not support MULTIPLE\_REFERENCES

(2) Mngmt, logical names

PASSED

Reading 16 attributes

<Result Qty="0010" >

<Data>

<OctetString Value="0000020100FF" />

</Data>

<Data>

<OctetString Value="00030F0004FF" />

</Data>

<Data>

<OctetString Value="00020F0004FF" />

</Data>

<Data>

<OctetString Value="00010F0004FF" />

</Data>

<Data>

<OctetString Value="00000A0006CFF" />

</Data>

<Data>

```
    <OctetString Value="0007190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190900FF" />
  </Data>
  <Data>
    <OctetString Value="0004190900FF" />
  </Data>
  <Data>
    <OctetString Value="0003190900FF" />
  </Data>
  <Data>
    <OctetString Value="0002190900FF" />
  </Data>
  <Data>
    <OctetString Value="0001190900FF" />
  </Data>
  <Data>
    <OctetString Value="0000190000FF" />
  </Data>
  <Data>
    <OctetString Value="0000160000FF" />
  </Data>
  <Data>
    <OctetString Value="0100040700FF" />
  </Data>
  <Data>
    <OctetString Value="0100030700FF" />
  </Data>
  <Data>
    <OctetString Value="0100020700FF" />
  </Data>
</Result>
```

(3) Mngmt, mixed attributes

PASSED

Reading 9 attributes

```
<Result Qty="0009" >
  <Data>
    <OctetString Value="0000290000FF" />
  </Data>
  <Data>
    <Enum Value="00" />
  </Data>
  <Data>
    <Long Value="FFC4" />
  </Data>
  <Data>
    <OctetString Value="\T1" />
  </Data>
  <Data>
    <Enum Value="01" />
  </Data>
  <Data>
    <Structure Qty="0004" >
```

```

        <LongUnsigned Value="0000" />
        <OctetString Value="000000000000" />
        <Integer Value="00" />
        <LongUnsigned Value="0000" />
    </Structure>
</Data>
<Data>
    <DoubleLongUnsigned Value="0000000B" />
</Data>
<Data>
    <DoubleLongUnsigned Value="000000C8" />
</Data>
<Data>
    <LongUnsigned Value="0001" />
</Data>
</Result>

```

(4) Mngmt, long attributes (block transfer)

PASSED

Reading 3 attributes

```
<Result Qty="0003" >
```

```
<Data>
```

```
<OctetString
```

```
Value="\STFIVERQEBXZPUKXHXCIFXOQECSSSTNIHQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETS
UIOEESRCXBPLWEQBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVW
PBYWIXJRFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWUIEYIEDWQHIWBPLVXCVVUVDGD
JHAHVYVVPBPCOKKKVIDTHQQUJUSIFABAHRIQJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGPTOD
RMDIGPZQLPKFEPQHGZOWDZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKS
LPCQUYYRAXAZKCOBVHLNXJYMNHWMYRFIMXEGYCQWJROLQVLLQNZJXTATT CRAVOOKBYAXGQTBVNYAMBYD
XWUHTQDZPYJKPKODRPLCQPEURSS" />
```

```
</Data>
```

```
<Data>
```

```
<OctetString
```

```
Value="\STFIVERQEBXZPUKXHXCIFXOQECSSSTNIHQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETS
UIOEESRCXBPLWEQBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVW
PBYWIXJRFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWUIEYIEDWQHIWBPLVXCVVUVDGD
JHAHVYVVPBPCOKKKVIDTHQQUJUSIFABAHRIQJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGPTOD
RMDIGPZQLPKFEPQHGZOWDZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKS
LPCQUYYRAXAZKCOBVHLNXJYMNHWMYRFIMXEGYCQWJROLQVLLQNZJXTATT CRAVOOKBYAXGQTBVNYAMBYD
XWUHTQDZPYJKPKODRPLCQPEURSS" />
```

```
</Data>
```

```
<Data>
```

```
<OctetString
```

```
Value="\STFIVERQEBXZPUKXHXCIFXOQECSSSTNIHQNFEBYJONLYLMCQMWBPAHYWGWGOHICPTEETS
UIOEESRCXBPLWEQBQYOTWSGUOUEVZQA0HHDWTKNMNLSVRDKIYCLSHUWDBMGXYSRFBBSZOXRGGJRYVW
PBYWIXJRFGFDSRVKWXDLJHKEXMTHCEUEKKAWYHPUMTHASPFSDWXZWUIEYIEDWQHIWBPLVXCVVUVDGD
JHAHVYVVPBPCOKKKVIDTHQQUJUSIFABAHRIQJTGXWSQEXKIBROKKABQAPISYHIFYLAAMODNDCVGPTOD
RMDIGPZQLPKFEPQHGZOWDZOEQPWWVROZPMNJTPUHBXJDXOLHBUSGEOZMYLBBMGGIGVXDAZOBLJWDCLKS
LPCQUYYRAXAZKCOBVHLNXJYMNHWMYRFIMXEGYCQWJROLQVLLQNZJXTATT CRAVOOKBYAXGQTBVNYAMBYD
XWUHTQDZPYJKPKODRPLCQPEURSS" />
```

```
</Data>
```

```
</Result>
```

\*\*\*\*\*

Test Case 10 : Disconnect controls, 3 item(s)

\*\*\*\*\*

(1) Disconnect control

PASSED

Disconnect in control mode 0

Test control mode 1

Test control mode 2

Test control mode 3

Test control mode 4

Test control mode 5

Test control mode 6

(2) Load Mgmt - Relay control 1

INAPPLICABLE

Object is not required according to OM and/or extensions

(3) Load Mgmt - Relay control 2

INAPPLICABLE

Optional object is not implemented

\*\*\*\*\*

Test Case 11 : Script tables, 2 item(s)

\*\*\*\*\*

(1) Tariffication script table

PASSED

Tariffication script table (parameters 1): "T1,T2,T3,T4"

Register activation - Energy (mask names): "T1,T2,T3,T4"

Tariffication script table (parameters 2): "T1,T2,T3,T4"

Register activation - Maximum Demand (mask names): "T1,T2,T3,T4"

calendar\_name\_passive name: TOU\_602D

activate\_passive\_calendar\_time: 14-SEP-2023 09:26:18

activate\_passive\_calendar\_time: 14-SEP-2023 12:00:38

(2) MDI Reset / End of billing period script table

PASSED

\*\*\*\*\*

Test Case 12 : Miscellaneous tests, 2 item(s)

\*\*\*\*\*

(1) Set/Get of long attribute

PASSED

(5) COSEM logical device name

PASSED

Value: "KFM1030199000059"

\*\*\*\*\*

Test Case 13 : Application association, 18 item(s)

\*\*\*\*\*

(1) Wrong logical device Id

PASSED

(2) Wrong client Id

PASSED

(3) Opening an already opened application association

PASSED

(4) Error on the Protocol version

PASSED

(5) Application context missing

PASSED

(6) Wrong application context  
PASSED  
(7) Missing calling AP title in a ciphering AARQ  
PASSED  
(8) Wrong system title in the Calling AP title  
PASSED  
(9) ACSE requirement missing  
PASSED  
(10) Wrong ACSE requirement  
PASSED  
(11) Authentication mechanism missing  
PASSED  
(12) Wrong authentication mechanism  
PASSED  
(13) Authentication value missing  
PASSED  
(14) Wrong authentication value  
PASSED  
(15) User information missing  
PASSED  
(16) Wrong dedicated key  
PASSED  
(17) Incorrect proposed conformance bloc  
PASSED  
(18) Incorrect negotiated conformance bloc  
PASSED

\*\*\*\*\*  
Test Case 14 : xDLMS Services, 20 item(s)  
\*\*\*\*\*

(1) Get without AA opening  
PASSED  
(2) Set without AA opening  
PASSED  
(3) Action without AA opening  
PASSED  
(4) Get with wrong inner tag  
PASSED  
(5) Set with wrong inner tag  
PASSED  
(6) Action with wrong inner tag  
PASSED  
(7) Error during block transfer with get  
INAPPLICABLE  
DUT didn't switch to legacy block-transfer  
(8) Error during block transfer with set  
PASSED  
(9) Get with wrong attribute id  
PASSED  
(10) Set with wrong attribute id  
PASSED  
(11) Action with wrong attribute id  
PASSED  
(12) Get with wrong access right

PASSED  
(13) Set with wrong access right  
PASSED  
(14) Action with wrong access right  
PASSED  
(15) Get with wrong access selector  
PASSED  
(16) Get with wrong access parameters  
PASSED  
(17) Set with wrong data type  
PASSED  
(18) Action with wrong data type  
PASSED  
(19) Set with wrong data content  
PASSED  
(20) Action with wrong data content  
PASSED

\*\*\*\*\*  
Test Case 15 : Security Activate, 3 item(s)  
\*\*\*\*\*

(1) Activate 1  
PASSED  
Pre set calendar\_name\_passive to CNP\_AF60 using +A, -E  
Pre set calendar\_name\_passive to CNP\_9F7A using +A, -E tweaked A  
Mngmt get calendar\_name\_passive using +A, -E, expect "CNP\_AF60"  
Mngmt set calendar\_name\_passive to CNP\_9F7A using +A, -E tweaked A  
Mngmt get calendar\_name\_passive using +A, -E, expect "CNP\_AF60"  
Mngmt set security\_policy attribute to 0  
(2) Activate 2  
PASSED  
Pre set calendar\_name\_passive to CNP\_3341 using -A, +E  
Pre set calendar\_name\_passive to CNP\_C293 using -A, +E tweaked E  
Mngmt get calendar\_name\_passive using -A, +E, expect "CNP\_3341"  
Mngmt set calendar\_name\_passive to CNP\_C293 using -A, +E tweaked E  
Mngmt get calendar\_name\_passive using -A, +E, expect "CNP\_3341"  
Mngmt set security\_policy attribute to 0  
(3) Activate 3  
PASSED  
Pre set calendar\_name\_passive to CNP\_8BFD using +A, +E  
Pre set calendar\_name\_passive to CNP\_F53E using +A, +E tweaked A  
Mngmt get calendar\_name\_passive using +A, +E, expect "CNP\_8BFD"  
Mngmt set calendar\_name\_passive to CNP\_F53E using +A, +E tweaked A  
Mngmt get calendar\_name\_passive using +A, +E, expect "CNP\_8BFD"  
Pre set calendar\_name\_passive to CNP\_01DD using +A, +E tweaked E  
Mngmt get calendar\_name\_passive using +A, +E, expect "CNP\_8BFD"  
Mngmt set calendar\_name\_passive to CNP\_01DD using +A, +E tweaked E  
Mngmt get calendar\_name\_passive using +A, +E, expect "CNP\_8BFD"  
Mngmt set security\_policy attribute to 0

\*\*\*\*\*  
Test Case 16 : Frame counter, 5 item(s)  
\*\*\*\*\*

(1) Unicast replay

PASSED  
(2) Broadcast replay  
PASSED  
(3) Unicast Register  
PASSED  
(4) Broadcast Register  
PASSED  
(5) Received value  
PASSED

\*\*\*\*\*  
Test Case 17 : Security global key transfer, 4 item(s)  
\*\*\*\*\*

(1) Global unicast encryption key transfer  
PASSED  
(2) Global broadcast encryption key transfer  
PASSED  
(3) Global authentication key transfer  
PASSED  
(4) All key transfer  
PASSED

\*\*\*\*\*  
Test Case 18 : Secured service user information, 9 item(s)  
\*\*\*\*\*

(1) AARQ not encrypted  
PASSED  
(2) AARQ not authenticated  
PASSED  
(3) AARQ not encrypted not authenticated  
PASSED  
(4) AARQ with A security header  
PASSED  
(5) AARQ with E security header  
PASSED  
(6) AARQ with empty security header  
PASSED  
(7) AARQ with invalid frame counter  
PASSED  
(8) AARQ with invalid authentication  
PASSED  
(9) AARQ with invalid encryption  
PASSED

\*\*\*\*\*  
Test Case 19 : Application association release service, 6 item(s)  
\*\*\*\*\*

(1) RLRQ invalid release request  
PASSED  
(2) RLRQ with missing user information  
PASSED  
(3) RLRQ non secure user information  
PASSED  
(4) RLRQ invalid security header

PASSED  
(5) RLRQ invalid authentication  
PASSED  
(6) RLRQ invalid encryption  
PASSED

\*\*\*\*\*  
Test Case 20 : Image transfer, 3 item(s)  
\*\*\*\*\*

(1) Basic  
PASSED  
Block size: 512  
(2) Full  
PASSED  
Block size: 512  
ImageSize: 32896, Blocks: 65, Last block size: 128  
image\_to\_activate\_info:  
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0003" >  
      <DoubleLongUnsigned Value="00008080" />  
      <OctetString Value="\110012" />  
      <OctetString Value="E81046B9" />  
    </Structure>  
  </Array>  
</Data>

(3) Full delayed  
PASSED  
Block size: 512  
ImageSize: 32896, Blocks: 65, Last block size: 128  
image\_to\_activate\_info:  
<Data>  
  <Array Qty="0001" >  
    <Structure Qty="0003" >  
      <DoubleLongUnsigned Value="00008080" />  
      <OctetString Value="\110012" />  
      <OctetString Value="E81046B9" />  
    </Structure>  
  </Array>  
</Data>

\*\*\*\*\*  
Test Case 21 : Push, 6 item(s)  
\*\*\*\*\*

(1) Push data immediately  
PASSED  
(2) Push data on interval  
PASSED  
(3) Scheduled push of profile data  
PASSED  
(4) Push with data block  
PASSED  
(5) Security activate for push  
PASSED



(6) Frame counter for push  
PASSED

\*\*\*\*\*  
Test Case 22 : Profiles, 7 item(s)  
\*\*\*\*\*

(1) Data of billing period 1  
PASSED  
    Selective access by entry not supported  
(2) Load profile with period 1  
PASSED  
(3) Load Profile with period 2  
PASSED  
(4) Load profile with period 1 time shift forward  
PASSED  
(5) Load profile with period 2 time shift forward  
PASSED  
(6) Load profile with period 1 time shift backward  
PASSED  
(7) Load profile with period 2 time shift backward  
PASSED

\*\*\*\*\*  
\* CTI \*  
\*\*\*\*\*

// Conformance Test Information (CTI) Template  
// 2.3

Manufacturer =  
{  
    Name = '\Shenzhen Kaifa Technology (Chengdu) Co., Ltd.'  
    ThreeLettersId = '\KFM'  
}

DeviceUnderTest =  
{  
    Type = '\MA309M'  
    IDISDeviceType = 103  
    IDISFunctionType = [Extension\_D]  
    SerialNr = 99000059  
    IPVersion = IPv6  
    DataLinkLayer = G3  
    ConsumerInformationPush = FALSE  
    EUI64Address = "10E77AFFFE98C550"  
}

TestOptions =  
{  
    PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'  
}

// Mandatory 'ObjectModel' structure  
// \*\*\*\*\*

```
// It defines the current values of the optional elements of the object model.
// These are the optional objects, the optional access rights of attributes
and/or
// methods. Also, default values for writing attributes can also be defined
here.
```

```
ObjectModel =
```

```
{
// Optional objects implemented
OptionalObjects = '\
+ '1-0:0.9.1.255|1,' // Local Time (@86)
+ '1-0:0.9.2.255|1,' // Local Date (@90)
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-2:0.2.0.255|1,' // Active firmware identifier 2 (@428)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@497)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@503)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@696)
+ '1-0:9.8.1.255|3,' // Apparent energy import (+VA) rate 1 (@702)
+ '1-0:9.8.2.255|3,' // Apparent energy import (+VA) rate 2 (@708)
+ '1-0:9.8.3.255|3,' // Apparent energy import (+VA) rate 3 (@714)
+ '1-0:9.8.4.255|3,' // Apparent energy import (+VA) rate 4 (@720)
+ '1-0:10.8.1.255|3,' // Apparent energy export (-VA) rate 1 (@726)
+ '1-0:10.8.2.255|3,' // Apparent energy export (-VA) rate 2 (@732)
+ '1-0:10.8.3.255|3,' // Apparent energy export (-VA) rate 3 (@738)
+ '1-0:10.8.4.255|3,' // Apparent energy export (-VA) rate 4 (@744)
+ '1-0:1.5.0.255|4,' // Last Average Demand Register 1 - Active energy
import (+A) (@853)
+ '1-0:2.5.0.255|4,' // Last Average Demand Register 2 - Active energy
export (-A) (@861)
+ '1-0:3.5.0.255|4,' // Last Average Demand Register 3 - Reactive energy
import (+R) (@869)
+ '1-0:4.5.0.255|4,' // Last Average Demand Register 4 - Reactive energy
export (-R) (@877)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1450)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1486)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1492)
+ '1-0:13.7.0.255|3,' // Instantaneous Power factor (+A/+VA) (@1537)
+ '0-0:20.0.0.255|19' // IEC local port setup - IEC Optical port (@2001)
```

```
InstanceExtraInfo = {  
  // Activity Calendar (@112)  
  LogicalName = '0-0:13.0.0.255'  
  ClassId = 20  
  MethodExtraInfo = {  
    // activate_passive_calendar  
    MethodId = 1  
    AccessRights = [ACTION]  
  }  
}
```

```
InstanceExtraInfo = {  
  // Predefined Scripts - MDI reset / end of billing period (@147)  
  LogicalName = '0-0:10.0.1.255'  
  ClassId = 9  
  AttributeExtraInfo = {  
    // scripts  
    AttributeId = 2  
    AccessRights = [GET]  
  }  
}
```

```
InstanceExtraInfo = {  
  // End of billing period 1 scheduler (@152)  
  LogicalName = '0-0:15.0.0.255'  
  ClassId = 22  
  AttributeExtraInfo = {  
    // type  
    AttributeId = 3  
    AccessRights = [GET,SET]  
  }  
}
```

```
InstanceExtraInfo = {  
  // Limiter (@225)  
  LogicalName = '0-0:17.0.0.255'  
  ClassId = 71  
  AttributeExtraInfo = {  
    // actions  
    AttributeId = 11  
    AccessRights = [GET,SET]  
  }  
}
```

```
InstanceExtraInfo = {  
  // Image transfer (@388)  
  LogicalName = '0-0:44.0.0.255'  
  ClassId = 18  
  AttributeExtraInfo = {  
    // image_block_size  
    AttributeId = 2  
    AccessRights = [GET,SET]  
  }  
}
```

```

    }
}

InstanceExtraInfo = {
    // Predefined Scripts - Image activation (@407)
    LogicalName = '0-0:10.0.107.255'
    ClassId = 9
    AttributeExtraInfo = {
        // scripts
        AttributeId = 2
        AccessRights = [GET]
    }
}

InstanceExtraInfo = {
    // Auto connect (@2163)
    LogicalName = '0-0:2.1.0.255'
    ClassId = 29
    AttributeExtraInfo = {
        // destination_list
        AttributeId = 6
        AccessRights = [GET,SET]
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:20.0.0.255'
    ClassId = 19
    AttributeExtraInfo = {
        AttributeId = 7
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
    AttributeExtraInfo = {
        AttributeId = 8
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
    AttributeExtraInfo = {
        AttributeId = 9
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.98.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.98.1.255'
    ClassId = 1

```

```

AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
}
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.98.2.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.98.20.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.98.21.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
    }
}

InstanceExtraInfo = {
    LogicalName = '0-0:97.97.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><DoubleLongUnsigned Value="00000000" /></Data>'
    }
}

InstanceExtraInfo = {
    // Set value for Consumer Message Text
    LogicalName = '0-0:96.13.0.255'
    ClassId = 1
    AttributeExtraInfo = {
        AttributeId = 2
        SetData = '\<Data><OctetString Value="3132333435363738" /></Data>'
    }
}

InstanceExtraInfo = {
    // G3-PLC MAC Setup (@2217)

```

```

LogicalName = '0-0:29.1.0.255'
ClassId = 91
AttributeExtraInfo = {
    // mac_key_table
    AttributeId = 5
    SetData = '\<Data>'
+'    <Array Qty="01" >'
+'        <Structure Qty="02" >'
+'            <Unsigned Value="00" />'
+'            <OctetString Value="000102030405060708090A0B0C0D0E0F" />'
+'        </Structure>'
+'    </Array>'
+' </Data>'
    }
}
}

```

```

TestParameters =
{
    ConnectDisconnectDelay = 2000
    ClientSystemTitle = '58585A0102030405'

    ImageTransfer =
    {
        ImageIdentifier = '\110012'
        ImageFileName = '\temp_release-pp-KF13A473-App1-V100001.bin'
        Timeout = 90000
    }

    PushTimeout = 60000
    MinInterWPDUFramesDelay = 800
    ProfilePeriodsQty = 6
    CaptureDelay = 10000
    ClipCallDuration = 20000
    WakeUpDelay = 30000
    DisconnectToSendSMSDelay = 10000
    DataNotificationToDisconnectDelay = 4000
}

```

```

LocalSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }
}

```

```

}
PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipherringStyle = GENERAL
}
}

RemoteSecurityElements = {
    Public = {
        ContextName = LONG_NAMES
        MechanismName = LOWEST_LEVEL_SECURITY
        Policy = NO_SECURITY
    }
    Management = {
        ContextName = LONG_NAMES_WITH_CIPHERING
        MechanismName = HIGH_LEVEL_SECURITY_GMAC
        Policy = AUTHENTICATION_AND_ENCRYPTION
        Password = '\12345678'
    }
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePduSize = 1224
        CipherringStyle = GENERAL
    }
}

SMSSecurityElements = {
    PreEstablished = {
        Policy = AUTHENTICATION_AND_ENCRYPTION
        ServerMaxReceivePDUSize = 138
        CipherringStyle = GENERAL
    }
}

HDLCProfile = {

    PhysicalLayer = {
        OpeningMode = DIRECT_HDLC
        HdlcBaud = 19200
    }
    DataLinkLayer = {
        InactivityTimeout          = 120000
        InterFrameTimeout          = 100
        ResponseTimeout            = 5000
        DISCToNDMTimeout          = 120000
        AddressingSchemes          = [TWO_BYTES_ADDRESSING]
        ServerLowerMACAddress      = 0x11
    }

    UIFrameDelay = 2000
    UIFrameLength = 126
}

```

```
TCPPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 30000
  ConnectTimeout = 5000
  DisconnectToConnectDelay = 3000
}

// Mandatory parameters of the 'Remote' G3-PLC profile
G3PLCProfile = {
  FrequencyBand = CENELEC_A
  ResponseTimeout = 30000
  UDPPort = 61616
  ConnectTimeout = 10000
  PSK = "00112233445566778899AABBCCDDEEFF"
}
```

```
// END CTI_Template
```

```
*****
* Miscellaneous *
*****
```

```
TestMode:                G3-PLC
Test Plan Signature:     A46C9F4C6C407A1AE595D8394F5BD244
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29
(20200831).xlsx
DUT system title:       4B464D6715E69EFB
Run number:             2204
```