
IDIS Conformance test report
17-MAY-2021 10:56:26
iCTT2 Package 2, Edition 2.0, Revision 1 (136)
Licensed to: KEMA-IDIS Cert.
Tester: Tom Levels

* Identification *

```
Manufacturer = {  
  Name = '\Shenzhen Star Instrument Co., Ltd.'  
  ThreeLettersId = '\STA'  
}  
DeviceUnderTest = {  
  Type = '\DDS26D, Type:STZ131'  
  IDISDeviceType = 102  
  IDISFunctionType = [EXTENSION_D, EXTENSION_L]  
  SerialNr = 21699402  
  IPVersion = IPV6  
  DataLinkLayer = G3  
  ConsumerInformationPush = FALSE  
  EUI64Address = '000021FFFE699402'  
}
```

Active firmware identifier (1-0:0.2.0.255) = \V0104
Active firmware identifier 1 (1-1:0.2.0.255) = \V0113

* Summary *

PASSED	66
FAILED	0
DISABLED	0
INAPPLICABLE	207
INCONCLUSIVE	0
FATAL	0
TOTAL	273

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 : Read Device IDs, 12 item(s)

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)	
(1) .logical_name	PASSED
<Data>	
<OctetString value="0000600100FF" />	
</Data>	
(2) .value	PASSED
<Data>	
<OctetString value="\21699402" />	
</Data>	
Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)	
(3) .logical_name	PASSED
<Data>	
<OctetString value="0000600101FF" />	
</Data>	
(4) .value	PASSED
<Data>	
<OctetString value="\Device ID 2" />	
</Data>	
Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)	
(5) .logical_name	PASSED
<Data>	
<OctetString value="0000600102FF" />	
</Data>	
(6) .value	PASSED
<Data>	
<OctetString value="\Device ID 3" />	
</Data>	
Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)	
(7) .logical_name	PASSED
<Data>	

```
      <OctetString value="0000600103FF" />
    </Data>
(8) .value PASSED
    <Data>
      <OctetString value="\Device ID 4" />
    </Data>
```

```
Mngmt Get Device ID 5 0-0:96.1.4.255 (@62) PASSED
(9) .logical_name
```

```
    <Data>
      <OctetString value="0000600104FF" />
    </Data>
(10) .value PASSED
    <Data>
      <OctetString value="\Device ID 5" />
    </Data>
```

```
Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66) PASSED
(11) .logical_name
```

```
    <Data>
      <OctetString value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
      <OctetString value="\Device ID 6" />
    </Data>
```

```
*****
Test Case 3 : Read COSEM Logical Device Name, 2 item(s)
*****
```

```
Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42) PASSED
(1) .logical_name
```

```
    <Data>
      <OctetString value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>
      <OctetString value="\STA1020321699402" />
    </Data>
```

```
*****
Test Case 4 : Read SAP Assignment, 2 item(s)
*****
```

```
Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4) PASSED
(1) .logical_name
```

```
    <Data>
      <OctetString value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>
      <Array Qty="0001" >
        <Structure Qty="0002" >
          <LongUnsigned value="0001" />
          <OctetString value="\STA1020321699402" />
        </Structure>
      </Array>
    </Data>
```

```
*****
Test Case 5 : Read Active FW Version, 12 item(s)
*****
```

```
Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412) PASSED
(1) .logical_name
```

```
    <Data>
      <OctetString value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
      <OctetString value="\V0104" />
    </Data>
```

```
Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416) PASSED
(3) .logical_name
```

```
    <Data>
      <OctetString value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
      <OctetString value="\18502A5E" />
    </Data>
```

```
Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420) PASSED
(5) .logical_name
```

```
    <Data>
```

```

        <OctetString value="0101000200FF" />
    </Data>
(6) .value PASSED
    <Data>
        <OctetString value="\V0113" />
    </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name PASSED
    <Data>
        <OctetString value="0101000208FF" />
    </Data>
(8) .value PASSED
    <Data>
        <OctetString value="\A9E1D6CA" />
    </Data>

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name
INAPPLICABLE
    Optional object is not implemented
(10) .value
INAPPLICABLE
    Optional object is not implemented

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name
INAPPLICABLE
    Optional object is not implemented
(12) .value
INAPPLICABLE
    Optional object is not implemented

*****
Test Case 6 : Set Clock, 1 item(s)
*****

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
        <OctetString value="07E50511FF0C0000FF8000FF" />
    </Data>

*****
Test Case 7 : Get Clock, 1 item(s)
*****

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time PASSED
    <Data>
        <OctetString value="07E50511010C000100FF8880" />
    </Data>

*****
Test Case 8 : Set Special Days, 1 item(s)
*****

Pre Set Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries PASSED
    <Data>
        <Array Qty="001E" >
            <Structure Qty="0003" >
                <LongUnsigned value="0001" />
                <OctetString value="FFFF0101FF" />
                <Unsigned value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned value="0001" />
                <OctetString value="FFFF0102FF" />
                <Unsigned value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned value="0001" />
                <OctetString value="FFFF0103FF" />
                <Unsigned value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned value="0001" />
                <OctetString value="FFFF0104FF" />
                <Unsigned value="02" />
            </Structure>
            <Structure Qty="0003" >
                <LongUnsigned value="0001" />
                <OctetString value="FFFF0105FF" />
                <Unsigned value="02" />
            </Structure>
            <Structure Qty="0003" >

```



```

    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF0309FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0001" />
    <OctetString Value="FFFF030AFF" />
    <Unsigned Value="02" />
  </Structure>
</Array>
</Data>

```

 Test Case 9 : Get Special Days, 1 item(s)

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

PASSED

```

  <Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0101FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0102FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0103FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0104FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0105FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0106FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0107FF" />
        <Unsigned Value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned Value="0001" />
        <OctetString Value="FFFF0108FF" />
        <Unsigned Value="02" />
      </Structure>
    </Array>
  </Data>

```



```

    <LongUnsigned value="0001" />
    <OctetString value="FFFF0306FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0001" />
    <OctetString value="FFFF0307FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0001" />
    <OctetString value="FFFF0308FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0001" />
    <OctetString value="FFFF0309FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="0001" />
    <OctetString value="FFFF030AFF" />
    <Unsigned value="02" />
  </Structure>
</Array>
</Data>

```

 Test Case 10 : Read Event Log Buffers, 20 item(s)

```

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0000636202FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 30-SEP-2020 14:00:30, latest date: 17-MAY-2021 12:25:13
    Middle date: 17-MAY-2021 12:05:00
(3) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="0000001F" />
    </Data>
(4) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(5) .logical_name PASSED
    <Data>
    <OctetString value="0000636200FF" />
    </Data>
(6) .buffer PASSED
    Earliest date: 17-MAY-2021 10:34:55, latest date: 30-OCT-2022 03:15:12
    Middle date: 30-OCT-2022 02:00:05
(7) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>
(8) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(9) .logical_name PASSED
    <Data>
    <OctetString value="0000636201FF" />
    </Data>
(10) .buffer PASSED
    Earliest date: 30-SEP-2020 14:07:58, latest date: 17-MAY-2021 12:01:25
    Middle date: 17-MAY-2021 11:01:24
(11) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="0000000E" />
    </Data>
(12) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(13) .logical_name PASSED
    <Data>
    <OctetString value="0000636205FF" />
    </Data>

```

```

(14) .buffer PASSED
    Earliest date: 30-SEP-2020 14:00:21, latest date: 17-MAY-2021 12:39:39
    Middle date: 17-MAY-2021 09:44:27
(15) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="0000001B" />
    </Data>
(16) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </Data>

Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)
(17) .logical_name PASSED
    <Data>
    <OctetString value="0000636204FF" />
    </Data>
(18) .buffer PASSED
    Earliest date: 30-SEP-2020 14:11:58, latest date: 30-SEP-2020 14:32:58
    Middle date: 30-SEP-2020 14:22:58
(19) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="00000006" />
    </Data>
(20) .profile_entries PASSED
    <Data>
    <DoubleLongUnsigned value="000000c8" />
    </Data>

```

Test Case 11 : Reading Data of Billing Period 1, 8 item(s)

```

Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0000620100FF" />
    </Data>
(2) .buffer PASSED
    Earliest date: 01-OCT-2020 00:00:00, latest date: 01-NOV-2022 00:00:00
    Middle date: 01-APR-2021 00:00:00
(3) .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>
(4) .capture_period PASSED
    <Data>
    <DoubleLongUnsigned value="00000000" />
    </Data>
(5) .sort_method PASSED
    <Data>
    <Enum value="01" />
    </Data>
(6) .sort_object PASSED
    <Data>
    <Structure Qty="0004" >

```



```

        <LongUnsigned value="0000" />
        <OctetString value="000000000000" />
        <Integer value="00" />
        <LongUnsigned value="0000" />
    </Structure>
</Data>
(7) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned value="0000000D" />
    </Data>
(8) .profile_entries PASSED
    <Data>
        <DoubleLongUnsigned value="0000000D" />
    </Data>

```

Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)

```

Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)
(1) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(2) .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)
(3) .logical_name
INAPPLICABLE
    Optional object is not implemented
(4) .comm_speed
INAPPLICABLE
    Optional object is not implemented

Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)
(5) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(6) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(7) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(8) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(9) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(13) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .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)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

(21) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

(22) .identification_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(23) .manufacturer_id
INAPPLICABLE
Object is not required according to OM and/or extensions

(24) .version
INAPPLICABLE
Object is not required according to OM and/or extensions

(25) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions

(26) .access_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(27) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(28) .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)

(29) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(30) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(31) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(32) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(33) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

(34) .identification_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(35) .manufacturer_id
INAPPLICABLE
Object is not required according to OM and/or extensions

(36) .version
INAPPLICABLE
Object is not required according to OM and/or extensions

(37) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions

(38) .access_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(39) .status
INAPPLICABLE
Object is not required according to OM and/or extensions

(40) .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)

(41) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(42) .mbus_port_reference
INAPPLICABLE
Object is not required according to OM and/or extensions

(43) .capture_definition
INAPPLICABLE
Object is not required according to OM and/or extensions

(44) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(45) .primary_address
INAPPLICABLE
Object is not required according to OM and/or extensions

(46) .identification_number
INAPPLICABLE
Object is not required according to OM and/or extensions

(47) .manufacturer_id
INAPPLICABLE
Object is not required according to OM and/or extensions

(48) .version
INAPPLICABLE

Object is not required according to OM and/or extensions
(49) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions
(50) .access_number
INAPPLICABLE
Object is not required according to OM and/or extensions
(51) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(52) .alarm
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(3) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(5) .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)
(6) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(7) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(8) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(9) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(10) .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)
(11) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(13) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(14) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(15) .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)
(16) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(17) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(18) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(19) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(20) .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)

(21) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(22) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(23) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(24) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(25) .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)

(26) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(27) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(28) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(29) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(30) .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)

(31) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(32) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(33) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(34) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(35) .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)

(36) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(37) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(38) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(40) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)

Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)

(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .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)

(3) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .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)
(5) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(6) .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)
(7) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(8) .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)
(9) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(10) .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)
(11) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(12) .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)
(13) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(14) .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)
(15) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(16) .value
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)

Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(8) .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)
(9) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE

Object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(16) .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)
(17) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(24) .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)
(25) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(26) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(27) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(28) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(29) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(30) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(31) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(32) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(5) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions

(6) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions

(7) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions

(8) .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)

(9) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(10) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

(11) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

(12) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(13) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions

(14) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions

(15) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions

(16) .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)

(17) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(18) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

(19) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

(20) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(21) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions

(22) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions

(23) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions

(24) .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)

(25) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions

(26) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions

(27) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions

(28) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions

(29) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions

(30) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions

(31) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions

(32) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions
Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)
(33) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(34) .buffer
INAPPLICABLE
Object is not required according to OM and/or extensions
(35) .capture_objects
INAPPLICABLE
Object is not required according to OM and/or extensions
(36) .capture_period
INAPPLICABLE
Object is not required according to OM and/or extensions
(37) .sort_method
INAPPLICABLE
Object is not required according to OM and/or extensions
(38) .sort_object
INAPPLICABLE
Object is not required according to OM and/or extensions
(39) .entries_in_use
INAPPLICABLE
Object is not required according to OM and/or extensions
(40) .profile_entries
INAPPLICABLE
Object is not required according to OM and/or extensions

Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)
(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(3) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .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)
(5) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(6) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(7) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(8) .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)
(9) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(10) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(11) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(12) .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)
(13) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(14) .output_state
INAPPLICABLE
Object is not required according to OM and/or extensions
(15) .control_state
INAPPLICABLE
Object is not required according to OM and/or extensions


```

(16) .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)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .executed_script
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .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)
(21) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .scripts
INAPPLICABLE
    Object is not required according to OM and/or extensions

*****
Test Case 18 : FIT Push, 3 item(s)
*****
(1) Push on installation                                     PASSED
(2) Push on alarm                                           PASSED
(3) Push on power down
INAPPLICABLE
    Push setup on power down not available

*****
Test Case 19 : FIT Miscellaneous, 4 item(s)
*****
(1) Disconnect Script Table                                 PASSED
(2) Load profile with period 1 DST ambiguity               PASSED
(3) Load profile power down withing one period             PASSED
(4) Load profile power down over two periods               PASSED

*****
* CTI *
*****

// Mandatory 'Manufacturer' structure
// *****
Manufacturer =
{
    Name = '\Shenzhen Star Instrument Co., Ltd.'
    ThreeLettersId = '\STA'
}

// Mandatory 'DeviceUnderTest' structure
// *****
DeviceUnderTest =
{
    Type = '\DDS26D, Type:STZ131'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D, Extension_L]
    SerialNr = 21699402
    IPVersion = IPV6
    DataLinkLayer = G3
    ConsumerInformationPush = FALSE
    EUI64Address = "000021FFFE699402"
}

// Optional 'TestOptions' structure
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 =
{
    OptionalObjects = '\
        + '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
        + '1-1:0.2.8.255|1' // Active firmware signature 1 (@424)

```

```

// needed for conformance test.
InstanceExtraInfo =
{
    LogicalName = '0-0:29.1.0.255'
    ClassId = 91
    Version = 1

    AttributeExtraInfo =
    {
        AttributeId = 5
        SetData = '\' +
            '<Data>' +
            '<Array Qty = "01">' +
            '<Structure Qty = "02">' +
            '<Unsigned Value = "01" />' +
            '<OctetString Value = "5354410102030405060708090A0B0C0D"/>' +
            '</Structure>' +
            '</Array>' +
            '</Data>'

        // If an access right is specified as optional in the object model like
        // (Get) or (Set), then the effective access right must be specified as
        // a set (possibly empty) of elements GET, SET and ACTION
        //
        AccessRights = [SET]
    }
}

// needed for conformance test.
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 = {
LogicalName = '0-0:1.0.0.255'
ClassId = 8
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data><OctetString Value="07E50511FF0C0000FF8000FF" /></Data>' // yyyy mm
dd dow hh mm ss
}
}

InstanceExtraInfo = {
// Set special days to 30 entries
LogicalName = '0-0:11.0.0.255'
ClassId = 11
AttributeExtraInfo = {
AttributeId = 2
SetData = '\<Data>'
+ ' <Array Qty="1E" >'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0101FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0102FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0103FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0104FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0105FF" />'
+ ' <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ ' <LongUnsigned Value="0001" />'
+ ' <OctetString Value="FFFF0106FF" />'
+ ' </Structure>'
+ ' </Data>'
}
}

```



```

PreEstablished =
{
  Policy = NO_SECURITY
  ServerMaxReceivePDUSize = 1070
  CipheringStyle = GENERAL
}
}

// RemoteSecurityElements
// Mandatory
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
    CipheringStyle = GENERAL
  }

  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipheringStyle = GENERAL
  }
}

// Mandatory parameters of the ''Local'' HDLC Profile
HDLCProfile =
{

  PhysicalLayer =
  {
    OpeningMode = DIRECT_HDLC
    HdlcBaud = 9600
  }

  DataLinkLayer =
  {
    InactivityTimeout = 180000
    InterFrameTimeout = 100
    ResponseTimeout = 10000
    DISCToNDMTIMEout = 2000
    AddressingSchemes = [FOUR_BYTES_ADDRESSING] // TWO_BYTES_ADDRESSING,
FOUR_BYTES_ADDRESSING
    ServerLowerMACAddress = 0x10
  }
}

// Mandatory parameters of the ''Remote'' TCP Profile
TCPProfile =
{
  ServerTCPPort = 4059
  ResponseTimeout = 30000
  ConnectTimeout = 10000
  DisconnectToConnectDelay = 5000
}

// Mandatory parameters of the ''Remote'' G3-PLC profile
G3PLCProfile = {
  FrequencyBand = FCC
  ResponseTimeout = 30000
  UDPPort = 61616
  ConnectTimeout = 30000
  PSK = "7FFE8001000000000000000000000000"
}

// END CTI_Template

*****
* Miscellaneous *
*****

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:           IDIS-S02-002 - object model Pack2 Ed2.0 - V2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       53544166314B1B4A

```

Run number:

1418