

Final Interoperability Test Report

FIT #: **60**
 Date: 21/09/2021
 Location: DNV-GL, Arnhem, Netherlands
 Page 1 of 26

APPLICANT

Company: *Hexing Electrical Co., Ltd*

Address: 1418-5 Moganshan Road, Shangcheng Industrial Zone, 310011, Hangzhou City, China

DEVICE		
Device type	HXE110	
<i>Type indication on MID certificate</i>		<i>MID Certificate No.</i>
HXE110		1240-21
<i>IDIS Specification reference</i>	<i>DNV-gl IDIS Certification run No</i>	<i>Digital signature of the test report.</i>
Package 2 ed. 2.0	1493	54DD32C797EE710BBF4068BAFE08A739
<i>First certification</i>	<i>IDIS Label</i>	<i>Modular device</i>
<input checked="" type="checkbox"/>	0069	<input type="checkbox"/>
<i>General information about the device</i>		

FIRMWARE VERSIONS TESTED				<i>Final Interoperability Test No. 60</i>
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\110_v30	\HXE110.D3.F0.T Y02.V4015		Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #60

Device: Hexing HXE110

DNV-GL, Arnhem, Netherlands, 21.09.2021

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	\110_v30	\HXE110.D3.F0.T Y02.V4015		60	Passed

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Passed	
M-Bus Results	Passed	
M-Bus Devices IDs	Passed	
M-Bus profiles	Passed	
M-Bus Load profiles	Passed	
M-Bus control logs	Passed	
M-Bus Disconnect log	Passed	
FIT Push	Passed	
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
FIT Conformance Test Report		
<pre> ***** IDIS Conformance test report 21-SEP-2021 13:46:47 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels ***** ***** * Identification * ***** Manufacturer = { Name = '\Hexing Electric Ltd.' ThreeLettersId = '\HXE' } DeviceUnderTest = { Type = '\HXE110' IDISDeviceType = 102 IDISFunctionType = [EXTENSION_D, EXTENSION_L] SerialNr = 21409108 IPVersion = IPV6 DataLinkLayer = G3 EUI64Address = '0000000021409108' ConsumerInformationPush = FALSE SMSSupported = FALSE ClipCallsupported = FALSE } Active firmware identifier (1-0:0.2.0.255) = \110_v30 Active firmware identifier 1 (1-1:0.2.0.255) = \HXE110.D3.F0.TY02.V4015 ***** * Summary * ***** PASSED 66 FAILED 0 DISABLED 0 INAPPLICABLE 207 INCONCLUSIVE 0 FATAL 0 TOTAL 273 </pre>		

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*****
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="\21409108" />
    </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="" />
    </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="" />
    </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="" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name PASSED
    <Data>
    <OctetString value="0000600104FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString value="\RAMZ RAYANEH" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
    <Data>
    <OctetString value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
    <OctetString value="" />
    </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)
(1) .logical_name PASSED
    <Data>
    <OctetString value="00002A0000FF" />
    </Data>

```

(2) .value	PASSED
<pre> <Data> <OctetString value="\HXE1020321409108" /> </Data> </pre>	

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

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)	
(1) .logical_name	PASSED
<pre> <Data> <OctetString value="0000290000FF" /> </Data> </pre>	
(2) .SAP_assignment_list	PASSED
<pre> <Data> <Array Qty="0001" > <Structure Qty="0002" > <LongUnsigned Value="0001" /> <OctetString value="\HXE1020321409108" /> </Structure> </Array> </Data> </pre>	

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

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)	
(1) .logical_name	PASSED
<pre> <Data> <OctetString value="0100000200FF" /> </Data> </pre>	
(2) .value	PASSED
<pre> <Data> <OctetString value="\110_v30" /> </Data> </pre>	
Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)	
(3) .logical_name	PASSED
<pre> <Data> <OctetString value="0100000208FF" /> </Data> </pre>	
(4) .value	PASSED
<pre> <Data> <OctetString value="1EABA684" /> </Data> </pre>	
Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)	
(5) .logical_name	PASSED
<pre> <Data> <OctetString value="0101000200FF" /> </Data> </pre>	
(6) .value	PASSED
<pre> <Data> <OctetString value="\HXE110.D3.F0.TY02.V4015" /> </Data> </pre>	
Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)	
(7) .logical_name	PASSED
<pre> <Data> <OctetString value="0101000208FF" /> </Data> </pre>	
(8) .value	PASSED
<pre> <Data> <OctetString value="4FB75DF5" /> </Data> </pre>	
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="07E50915FF0F0000FF8000FF" />
  </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="07E50915020F000000FF8880" />
  </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="0002" />
  <OctetString Value="FFFF0102FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0003" />
  <OctetString Value="FFFF0103FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0004" />
  <OctetString Value="FFFF0104FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0005" />
  <OctetString Value="FFFF0105FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0006" />
  <OctetString Value="FFFF0106FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0007" />
  <OctetString Value="FFFF0107FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0008" />
  <OctetString Value="FFFF0108FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="0009" />
  <OctetString Value="FFFF0109FF" />
  <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
  <LongUnsigned Value="000A" />
  <OctetString Value="FFFF010AFF" />
  <Unsigned Value="02" />
  </Structure>
  </Array>
  </Data>

```

```

</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>

```

```

<Structure Qty="0003" >
  <LongUnsigned Value="001B" />
  <OctetString Value="FFFF0307FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <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="0002" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0003" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0004" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0005" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0006" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0007" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0008" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0009" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="000A" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
  </Array>

```



```

<Structure Qty="0003" >
  <LongUnsigned Value="000B" />
  <OctetString Value="FFFF0201FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000C" />
  <OctetString Value="FFFF0202FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000D" />
  <OctetString Value="FFFF0203FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000E" />
  <OctetString Value="FFFF0204FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="000F" />
  <OctetString Value="FFFF0205FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0010" />
  <OctetString Value="FFFF0206FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0011" />
  <OctetString Value="FFFF0207FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0012" />
  <OctetString Value="FFFF0208FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0013" />
  <OctetString Value="FFFF0209FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0014" />
  <OctetString Value="FFFF020AFF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0015" />
  <OctetString Value="FFFF0301FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0016" />
  <OctetString Value="FFFF0302FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0017" />
  <OctetString Value="FFFF0303FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0018" />
  <OctetString Value="FFFF0304FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="0019" />
  <OctetString Value="FFFF0305FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001A" />
  <OctetString Value="FFFF0306FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >

```

```

    <LongUnsigned value="001B" />
    <OctetString value="FFFF0307FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="001C" />
    <OctetString value="FFFF0308FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="001D" />
    <OctetString value="FFFF0309FF" />
    <Unsigned value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned value="001E" />
    <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: 07-SEP-2021 00:37:45, latest date: 07-SEP-2021 16:08:00
    Middle date: 07-SEP-2021 08:00:50
(3) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="00000064" />
    </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: 01-SEP-2021 23:59:55, latest date: 21-SEP-2021 15:00:01
    Middle date: 07-SEP-2021 16:14:55
(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: 22-NOV-2020 16:23:03, latest date: 07-SEP-2021 14:41:41
    Middle date: 07-SEP-2021 08:07:19
(11) .entries_in_use PASSED
    <Data>
    <DoubleLongUnsigned value="00000034" />
    </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" />

```



```

(5) .sort_method                                     PASSED
    <Data>
      <Enum value="01" />
    </Data>
(6) .sort_object                                     PASSED
    <Data>
      <Structure Qty="0004" >
        <LongUnsigned value="0008" />
        <OctetString value="0000010000FF" />
        <Integer value="02" />
        <LongUnsigned value="0000" />
      </Structure>
    </Data>
(7) .entries_in_use                                 PASSED
    <Data>
      <DoubleLongUnsigned value="0000000B" />
    </Data>
(8) .profile_entries                                PASSED
    <Data>
      <DoubleLongUnsigned value="0000000B" />
    </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) Disconnecter 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 *
*****

// Conformance Test Information (CTI) Template
// 2.3

Manufacturer = {
    Name = '\Hexing Electric Ltd.'
    ThreeLettersId = '\HXE'
}

DeviceUnderTest = {
    Type = '\HXE110'
    IDISDeviceType = 102
    IDISFunctionType = [Extension_D, Extension_L]
    SerialNr = 21409108
    IPVersion = IPV6
    DataLinkLayer = G3
    EUI64Address = "0000000021409108"
    ConsumerInformationPush = FALSE
    SMSSupported = FALSE
    ClipCallsSupported = FALSE
}

TestOptions = {
    PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

ObjectModel = {
    // Optional objects implemented
    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)

    InstanceExtraInfo = {
        // Current association (@9)
        LogicalName = '0-0:40.0.0.255'
        ClassId = 15
        AttributeExtraInfo = {
            // secret
            AttributeId = 7
            SetData = '\<Data><OctetString value = "3132333435363738" /></Data>'
            AccessRights = [SET]
        }
        MethodExtraInfo = {
            // change_HLS_secret
            MethodId = 2
            AccessRights = [ACTION]
        }
    }

    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 = {
  // Predefined Scripts - Image activation (@407)
  LogicalName = '0-0:10.0.107.255'
  ClassId = 9
  AttributeExtraInfo = {
    // scripts
    AttributeId = 2
    AccessRights = [GET]
  }
}

InstanceExtraInfo = {
  LogicalName = '0-1:96.3.10.255'
  ClassId = 70
  AttributeExtraInfo = {
    // control_mode
    AttributeId = 4
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  LogicalName = '0-0:17.0.0.255'
  ClassId = 71
  AttributeExtraInfo = {
    // type
    AttributeId = 11
    AccessRights = [GET,SET]
  }
}

InstanceExtraInfo = {
  // Push action scheduler - Interval_3 (@2156)
  LogicalName = '0-0:2.1.0.255'
  ClassId = 29
  AttributeExtraInfo = {
    // type
    AttributeId = 6
    AccessRights = [GET,SET]
  }
}

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 = "FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF" />' +
    '</Structure>' +
    '</Array>' +
    '</Data>' +
    AccessRights = [SET]
  }
}

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="07E50915FF0F0000FF8000FF" /></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="0002" />'
+ '          <OctetString value="FFFF0102FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0003" />'
+ '          <OctetString value="FFFF0103FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0004" />'
+ '          <OctetString value="FFFF0104FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
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+ '          <OctetString value="FFFF0105FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0006" />'
+ '          <OctetString value="FFFF0106FF" />'
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+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0007" />'
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+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0008" />'
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+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0009" />'
+ '          <OctetString value="FFFF0109FF" />'
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+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000A" />'
+ '          <OctetString value="FFFF010AFF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000B" />'
+ '          <OctetString value="FFFF0201FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="000C" />'
+ '          <OctetString value="FFFF0202FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'

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+ '      <LongUnsigned Value="000D" />'
+ '      <OctetString Value="FFFF0203FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="000E" />'
+ '      <OctetString Value="FFFF0204FF" />'
+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString Value="FFFF0205FF" />'
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+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString Value="FFFF0206FF" />'
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+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0011" />'
+ '      <OctetString Value="FFFF0207FF" />'
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+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="0012" />'
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+ '    </Structure>'
+ '    <Structure Qty="03" >'
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+ '      <OctetString Value="FFFF0209FF" />'
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+ '    </Structure>'
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+ '    <Structure Qty="03" >'
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+ '      <Unsigned Value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned Value="001C" />'
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+ '      <Unsigned Value="02" />'
+ '    </Structure>'
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+ '      <LongUnsigned Value="001D" />'

```



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+'          <OctetString value="FFFF0309FF" />'
+'          <Unsigned value="02" />'
+'        </Structure>'
+'      <Structure Qty="03" >'
+'        <LongUnsigned value="001E" />'
+'        <OctetString value="FFFF030AFF" />'
+'        <Unsigned value="02" />'
+'      </Structure>'
+'    </Array>'
+'  </Data>'
+}
+}
+}

TestParameters = {
  ConnectDisconnectDelay = 10000
  ClientsystemTitle = '58585A0102030405'

  ImageTransfer = {
    ImageIdentifier = 'FD00014858453131302E44332E46322E545930322E5634303135'
    ImageFileName = '\\HXE110.D3.F2.TY02.V4015(21083118).bin'
    Timeout = 90000
  }

  PushTimeout = 60000
  MinInterWPDUFramesDelay = 500
  ProfilePeriodsQty = 6
  CaptureDelay = 10000
  ClipCallDuration = 12000

  AutoConnect = {
    Repetitions = 0
    RepetitionDelay = 0
  }

  PushSetup = {
    NumberOfRetries = 0
    RepetitionDelay = 0
  }

  wakeupDelay = 30000
  DisconnectToSendsMSDelay = 5000
  DataNotificationToDisconnectDelay = 1000
}

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 = NO_SECURITY
    ServerMaxReceivePduSize = 1224
    CipheringStyle = 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 = {

```

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    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipherringStyle = GENERAL
}
}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePDUSize = 138
    CipherringStyle = GENERAL
  }
}

HDLCPProfile = {
  PhysicalLayer = {
    OpeningMode = DIRECT_HDLC
    HdLcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout      = 120000
    InterFrameTimeout      = 150
    ResponseTimeout        = 3000
    DISCToNDMTimeout       = 1000
    AddressingSchemes      = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress  = 0x11
    LastRecToNextSendDelay = 0
  }

  UIFrameDelay = 2000

  UIFrameLength = 126
}

TCPProfile = {
  ServerTCPport = 4059
  ResponseTimeout = 10000
  ConnectTimeout = 30000
  DisconnectToConnectDelay = 15000
}

// Mandatory parameters of the 'Remote' G3-PLC profile
G3PLCProfile = {
  FrequencyBand = FCC
  ResponseTimeout = 30000
  UDPPort = 61616
  ConnectTimeout = 10000
  PSK = "000102030405060708090A0B0C0D0E0F"
}

// END CTI_Templatem

*****
* 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).x15x
DUT system title:   485845663146AD54
Run number:         1493

```