

Final Interoperability Test Report

FIT #: **59**
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	HXE310	
Type indication on MID certificate	MID Certificate No.	
HXE310	1215-21	
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 2.0	1487	1673C35C83DD13AB79803EA44F9F841C
First certification	IDIS Label	Modular device
☒	0068	☐
General information about the device		

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 59
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	\310_v30	\HXE310.D3.F0.T Y02.V4013		Passed

Honeywell

Iskraemeco d.d.

Itron

Landis+Gyr AG

Fit #59

Device: Hexing HXE310

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	\310_v30	\HXE310.D3.F0.T Y02.V4013		59	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 09:40:33 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 = '\HXE310' IDISDeviceType = 103 IDISFunctionType = [EXTENSION_D, EXTENSION_L] SerialNr = 21280070 IPVersion = IPV6 DataLinkLayer = G3 EUI64Address = '0000000021280070' ConsumerInformationPush = FALSE SMSSupported = FALSE ClipCallsSupported = FALSE } Active firmware identifier (1-0:0.2.0.255) = \310_v30 Active firmware identifier 1 (1-1:0.2.0.255) = \HXE310.D3.F0.TY02.V4013 ***** * Summary * ***** PASSED 66 FAILED 0 DISABLED 0 INAPPLICABLE 207 INCONCLUSIVE 0 FATAL 0 TOTAL 273 </pre>		

```

*****
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="\21280070" />
    </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
<Data>	
<OctetString value="\HXE1030321280070" />	
</Data>	

Test Case 4 : Read SAP Assignment, 2 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="\HXE1030321280070" />	
</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)	
(1) .logical_name	PASSED
<Data>	
<OctetString value="0100000200FF" />	
</Data>	
(2) .value	PASSED
<Data>	
<OctetString value="\310_v30" />	
</Data>	
Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)	
(3) .logical_name	PASSED
<Data>	
<OctetString value="0100000208FF" />	
</Data>	
(4) .value	PASSED
<Data>	
<OctetString value="8005BAA6" />	
</Data>	
Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)	
(5) .logical_name	PASSED
<Data>	
<OctetString value="0101000200FF" />	
</Data>	
(6) .value	PASSED
<Data>	
<OctetString value="\HXE310.D3.F0.TY02.V4013" />	
</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="45BDCA20" />	
</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="07E50915FF0B0000FF8000FF" />
</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="07E50915020B000000FF8880" />
</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>
```

```

</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: 21-JUL-2021 00:36:32, latest date: 21-SEP-2021 09:09:44
Middle date: 21-JUL-2021 01:52:20

(3) .entries_in_use PASSED

```

    <Data>
    <DoubleLongUnsigned value="0000001C" />
    </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: 25-AUG-2021 23:59:55, latest date: 02-FEB-2022 00:00:10
Middle date: 31-AUG-2021 15:16:51

(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: 01-FEB-2021 19:59:42, latest date: 21-SEP-2021 09:09:37
Middle date: 21-JUL-2021 01:59:40

(11) .entries_in_use PASSED

```

    <Data>
    <DoubleLongUnsigned value="00000014" />
    </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: 01-FEB-2021 19:59:49, latest date: 21-SEP-2021 09:23:34
    Middle date: 21-JUL-2021 00:43:51
(15) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned value="0000001E" />
    </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: 20-JUL-2021 23:59:58, latest date: 15-JUN-2022 03:14:55
    Middle date: 21-JUL-2021 02:54:26
(19) .entries_in_use PASSED
    <Data>
        <DoubleLongUnsigned value="0000004A" />
    </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: 02-SEP-2021 00:00:00, latest date: 02-MAR-2022 00:00:00
    Middle date: 02-SEP-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="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
(2) Push on alarm
(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
(2) Load profile with period 1 DST ambiguity
(3) Load profile power down withing one period
(4) Load profile power down over two periods
*****
* CTI *
*****

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

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

DeviceUnderTest = {
    Type = '\HXE310'
    IDISDeviceType = 103
    IDISFunctionType = [Extension_D, Extension_L]
    SerialNr = 21280070
    IPVersion = IPV6
    DataLinkLayer = G3
    EUI64Address = "0000000021280070"
    ConsumerInformationPush = FALSE
    SMSSupported = FALSE
    ClipCallSupported = 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)

```

PASSED
PASSED

PASSED
PASSED
PASSED
PASSED

```

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="07E50915FF0B0000FF8000FF" /></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" >'
+ '          <LongUnsigned value="0005" />'
+ '          <OctetString value="FFFF0105FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0006" />'
+ '          <OctetString value="FFFF0106FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0007" />'
+ '          <OctetString value="FFFF0107FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0008" />'
+ '          <OctetString value="FFFF0108FF" />'
+ '          <Unsigned value="02" />'
+ '        </Structure>'
+ '        <Structure Qty="03" >'
+ '          <LongUnsigned value="0009" />'
+ '          <OctetString value="FFFF0109FF" />'
+ '          <Unsigned value="02" />'
+ '        </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" >'
+ '      <LongUnsigned value="000F" />'
+ '      <OctetString value="FFFF0205FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0010" />'
+ '      <OctetString value="FFFF0206FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0011" />'
+ '      <OctetString value="FFFF0207FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0012" />'
+ '      <OctetString value="FFFF0208FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0013" />'
+ '      <OctetString value="FFFF0209FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0014" />'
+ '      <OctetString value="FFFF020AFF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0015" />'
+ '      <OctetString value="FFFF0301FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0016" />'
+ '      <OctetString value="FFFF0302FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0017" />'
+ '      <OctetString value="FFFF0303FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0018" />'
+ '      <OctetString value="FFFF0304FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="0019" />'
+ '      <OctetString value="FFFF0305FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001A" />'
+ '      <OctetString value="FFFF0306FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001B" />'
+ '      <OctetString value="FFFF0307FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <LongUnsigned value="001C" />'
+ '      <OctetString value="FFFF0308FF" />'
+ '      <Unsigned value="02" />'
+ '    </Structure>'
+ '    <Structure Qty="03" >'
+ '      <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
    ClientsSystemTitle = '58585A0102030405'

    ImageTransfer = {
        ImageIdentifier = '\UPSHXE310.D3.F1.TY02.V4013'
        ImageFileName = '\HXE310.D3.F1.TY02.V4013(21080211).bin'
        Timeout = 120000
    }

    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 = {

```

```

    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_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).x15x
DUT system title:         485845673144B546
Run number:               1487

```