



CERTIFICATE OF COMPLIANCE

Certificate N°:	2785	Issue date:	October 4th, 2022
Applicant:	Shijiazhuang Kelin Electric Co., Ltd.	Issued to:	Shijiazhuang Kelin Electric Co., Ltd.
	Nanjiangbi, Hongqi Street		Nanjiangbi, Hongqi Street
	050222-Shijiazhuang China		050222-Shijiazhuang China

The certified product listed below is eligible to bear the DLMS UA Mark shown



PRODUCT

Model:	DTZY1277
Type:	DTZY1277
Firmware ID:	Id=V0.10-3.11-220726
Mgmt LDN (SAP = 1):	SAP = 1 is "4B4C45303030303030303030303031" (KLE00000000000001)
Manufacturer:	Shijiazhuang Kelin Electric Co., Ltd.
Media Identifiers:	Abstract, Electricity

CONFORMANCE SPECIFICATION

COSEM IF Classes and OBIS Codes:	Blue Book Ed. 14
DLMS/COSEM Protocol:	Green Book Ed. 10

TEST TOOL & SPEC.

Test Specification:	Yellow Book Ed. 8
Test Tool Version:	CTT 4.2
Test Tool Licensee:	Shijiazhuang Kelin Electric Co., Ltd.
COSEM Object definition file:	Object_defs_v14.2_Released_220701.dat
Communication profiles:	HDLC, TCP

This Certificate of Compliance is based on an evaluation of a test report based on a single test executed on one specimen of the product, as identified by the Product data above. This Certificate is issued on the condition that the holder complies and will continue to comply with the requirement and procedures issued by DLMS UA. The authenticity of the test report has been verified by the DLMS User Association and the equipment identified above is listed on its web site at: www.dlms.com.



CERTIFICATE OF COMPLIANCE

Certificate N°: 2785

Test File: DTZY1277_LN_Sec0_HDLC_20220919 tested with CTT 4.2, release 102

* Identification *

```
Identification = {  
  Applicant = "\\Shijiazhuang Kelin Electric Co., Ltd"  
  Manufacturer = ""\\Shijiazhuang Kelin Electric Co., Ltd "  
  FLAGid = "\\KLE"  
  Type = "\\DTZY1277"  
  SerialNr = "\\000000000001"  
}
```

* Summary *

TEST SUITE	TOTAL	PASSED	FAILED
HDLC	33	33	0
APPL	74	74	0
SecMsg	12	12	0
COSEM	1130	1130	0
SymKey	12	12	0

Communication profile: HDLC

Logical device(s) found: SAP = 1 is "4B4C45303030303030303030303031" (KLE00000000000001)

Active firmware(s): Id=V0.10-3.11-220726

Application context names: LONG_NAMES
LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:NO_SECURITY
LOW_LEVEL_SECURITY
HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features: ACTION
GET
RLRQ_RLRE
SERVICE_SPECIFIC_BLOCK_TRANSFER
SET
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY

Security features: GENERAL_GLO_CIPHERING
SERVICE_SPECIFIC_DED_CIPHERING
SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0

COSEM classes tested: 1,3,4,7(1),8,9,15(1),18,20,22,23(1),40,45,64,71,111, 112,113,115



CERTIFICATE OF COMPLIANCE

Certificate N°: 2785

Test File: DTZY1277_LN_Sec0_TCP_20220919 tested with CTT 4.2, release 102

*** Identification ***

```
Identification = {  
  Applicant = "\Shijiazhuang Kelin Electric Co., Ltd"  
  Manufacturer = ""\Shijiazhuang Kelin Electric Co., Ltd "  
  FLAGid = "\KLE"  
  Type = "\DTZY1277"  
  SerialNr = "\000000000001"  
}
```

*** Summary ***

TEST SUITE	TOTAL	PASSED	FAILED
APPL	74	74	0
SecMsg	12	12	0
COSEM	1130	1130	0
SymKey	12	12	0

Communication profile: TCP

Logical device(s) found: SAP = 1 is "4B4C453030303030303030303030303031" (KLE0000000000001)

Active firmware(s): Id=V0.10-3.11-220726

Application context names: LONG_NAMES
LONG_NAMES_WITH_CIPHERING

Authentication mechanisms: NO_SECURITY
LOW_LEVEL_SECURITY
HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features: ACTION
GET
RLRQ_RLRE
SERVICE_SPECIFIC_BLOCK_TRANSFER
SET
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY

Security features: GENERAL_GLO_CIPHERING
SERVICE_SPECIFIC_DED_CIPHERING
SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0

COSEM classes tested: 1,3,4,7(1),8,9,15(1),18,20,22,23(1),40,45,64,71,111, 112,113,115