



CERTIFICATE OF COMPLIANCE

Certificate N°:	2843	Issue date:	March 2nd, 2023
Applicant:	KŘIŽÍK s.r.o.	Issued to:	KŘIŽÍK s.r.o.
	Lobezská 214/9, Východní Předměstí, 326 00 Plzeň		Lobezská 214/9, Východní Předměstí, 326 00 Plzeň
	32600-Plzeň Czech Republic		32600-Plzeň Czech Republic

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



PRODUCT

Model:	Single Phase Direct Connected Meter
Type:	H100
Firmware ID:	Id=LM0AAAAY S=DC754B0C, Id=LH0AAABP S=E38922C7, Id=NL0AAABP S=4B3387B7
Mgmt LDN (SAP = 1):	SAP = 1 is "4B5A4B32323831303030303030303239" (KZK2281000000029)
Manufacturer:	KŘIŽÍK s.r.o.
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:	Yadav Measurements Private Limited
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°: 2843

Test File: H100 Optical tested with CTT 4.2, release 102

*** Identification ***

```
Identification = {
  Manufacturer = "4B1584917DCD4B20732E722E6F2E"
  FLAGid = "\KZK"
  Type = "\H100"
  SerialNr = "\00000029"
  Applicant = "4B1584917DCD4B20732E722E6F2E"
}
```

*** Summary ***

TEST SUITE	TOTAL	PASSED	FAILED
-----	-----	-----	-----
APPL	48	48	0
SecMsg	6	6	0
COSEM	3307	3307	0
SymKey	15	15	0

Communication profile: HDLC

Logical device(s) found: SAP = 1 is "4B5A4B32323831303030303030303239" (KZK2281000000029)

Active firmware(s):
Id=LM0AAAAY S=DC754B0C
Id=LH0AAAABP S=E38922C7
Id=NLOAAAABP S=4B3387B7

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
SERVICE_SPECIFIC_BLOCK_TRANSFER
SET
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_RANGE
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY

Security features: SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0
KEY_TRANSFER

COSEM classes tested: 1,3,4,7(1),8,9,11,15(1),17,19,20,22,23(1), 40,41,42,43,45,64,70,71



CERTIFICATE OF COMPLIANCE

Certificate N°: 2843

Test File: H100 RS485 tested with CTT 4.2, release 102

*** Identification ***

```
Identification = {
  Manufacturer = "4B1584917DCD4B20732E722E6F2E"
  FLAGid = "\KZK"
  Type = "\H100"
  SerialNr = "\00000029"
  Applicant = "4B1584917DCD4B20732E722E6F2E"
}
```

*** Summary ***

TEST SUITE	TOTAL	PASSED	FAILED
-----	-----	-----	-----
HDLC	35	35	0
APPL	48	48	0
SecMsg	6	6	0
COSEM	3307	3307	0
SymKey	15	15	0

Communication profile: HDLC

Logical device(s) found: SAP = 1 is "4B5A4B32323831303030303030303239" (KZK228100000029)

Active firmware(s):
Id=LM0AAAAY S=DC754B0C
Id=LH0AAABP S=E38922C7
Id=NLOAAABP S=4B3387B7

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
SERVICE_SPECIFIC_BLOCK_TRANSFER
SET
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_RANGE
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY

Security features: SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0
KEY_TRANSFER

COSEM classes tested: 1,3,4,7(1),8,9,11,15(1),17,19,20,22,23(1), 40,41,42,43,45,64,70,71



CERTIFICATE OF COMPLIANCE

Certificate N°: 2843

Test File: H100 TCP tested with CTT 4.2, release 102

*** Identification ***

```
Identification = {
  Manufacturer = "4B1584917DCD4B20732E722E6F2E"
  FLAGid = "\KZK"
  Type = "\H100"
  SerialNr = "\00000029"
  Applicant = "4B1584917DCD4B20732E722E6F2E"
}
```

*** Summary ***

TEST SUITE	TOTAL	PASSED	FAILED
-----	-----	-----	-----
APPL	48	48	0
SecMsg	6	6	0
COSEM	3307	3307	0
SymKey	15	15	0

Communication profile: TCP

Logical device(s) found: SAP = 1 is "4B5A4B32323831303030303030303239" (KZK228100000029)

Active firmware(s):
Id=LM0AAAAY S=DC754B0C
Id=LH0AAABP S=E38922C7
Id=NL0AAABP S=4B3387B7

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_RANGE
PROFILE_BUFFER_SELECTIVE_ACCESS_BY_ENTRY

Security features: SERVICE_SPECIFIC_GLO_CIPHERING
SUITE_0
KEY_TRANSFER

COSEM classes tested: 1,3,4,7(1),8,9,11,15(1),17,19,20,22,23(1), 40,41,42,43,45,64,70,71