DLMS User Association

device
language
message
specification
™

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Certification No. 2517	Applicant: Eltek Brojila d.o.o. Issued to: Eltek Brojila d.o.o.

On the request of the applicant the DLMS UA certifies hereby that the product identified below has successfully passed the DLMS/COSEM Conformance tests under the following conditions:

Product	Type		Eagle 1xxxx
	Active firmware ID		Id=312E312E3231343800000000 S=DD6FA58305C5F741E7178DF8 Id=ETKA 129.1.2149 S=0EA24C485E0423DB37B874D4
	Management LDN (SAP = 1)		"45544B313032330373030303030303338" (ETK1020700000038)
	Manufacturer		Eltek Brojila d.o.o.
Test tool	CTT version		CTT 3.1 standard edition, 64bits, release 108
	Licensed to		20161014_Andrea_Informatique (10/14/2016)
	COSEM object definitions		Object_defs_v3.6_Released_20200825.dat
	Media Identifiers		Abstract, Electricity

Test	Communication profile	Application contexts	Security features	Date and time	Test Result hash value
1	DIRECT_HDLC	LONG_NAMES, LONG_NAMES_ WITH_CIPHERING	GENERAL_GLO_CIPHERING SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_0 SECURITY_ACTIVATE, KEY_TRANSFER	27-JAN-2021 15:48:05	5493060DDBF8632B83ABF7 802069FEF2DFA4CA60B25B A2047F8AC178C1E15B88

The test reports are filed by the DLMS UA. Copies are available from the manufacturer.

The authenticity and correctness of the test report(s) submitted have been verified by the DLMS UA. With this, the applicant / manufacturer is entitled to claim that its product is compliant to the DLMS/COSEM specification and is entitled to display the DLMS/COSEM Compliant mark on the product and in its product literature. The product identified above is listed at: https://www.dlms.com.

COSEM
Compliant

This Certification is valid for the functions successfully tested and summarized below. The tests have been executed on one specimen of the product, as identified by the Management LDN reported. Results may not be applicable for other test specimens.

Date: Sursee, the 3rd February 2021

Sergio Lazzarotto
Executive Director and President

Viktória Varju
Certification Engineer

Summary of features tested for Test 1

This section provides an overview of the features tested, aggregated over all logical devices and Application Associations in one test session. Full information is available in the Test Result.

```
******************
* Identification *
******************

Identification = {
  Applicant = "\Eltek Brojila d.o.o."
  FLAGid = "\ETK"
  Manufacturer = "\Eltek Brojila d.o.o."
  Type = "\Eagle 1xxxx"
  IUTIsModule = TRUE
  SerialNr = "\00000038"
  Comment = "\Single phase IDIS pack 2 meter"
}

***********
* Summary *
***********

TYPE     TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----     -----   -------   ------------   ------------   ------   ------
HDLC     36      0         1              0              35       0
APPL     56      0         16             0              40       0
SecMsg   14      0         8              0              6        0
COSEM    1378    0         7              23             1348     0
SymKey   21      0         8              0              13       0
DP       0       0         0              0              0        0
GBT      25      0         1              5              19       0
PubCert          All (No ciphered association with the required properties)
SecPol   5       0         2              0              3        0

Communication profile:            HDLC

Application context names:        LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Authentication mechanisms:        NO_SECURITY,HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:          ACTION,GENERAL_BLOCK_TRANSFER,GBT_STREAMING
                                  GET,MULTIPLE_REFERENCES,RLRQ_RLRE
                                  SELECTIVE_ACCESS
                                  SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:                GENERAL_GLO_CIPHERING
                                  SERVICE_SPECIFIC_GLO_CIPHERING,SUITE_0
                                  SECURITY_ACTIVATE,KEY_TRANSFER

Data protection features:         (not collected)

Logical device(s) found:
                                  SAP = 1 is "45544B31303230373030303030303338" (ETK1020700000038)

Active firmware(s):
                                  Id=312E312E3231343800000000 S=DD6FA58305C5F741E7178DF8
                                  Id=ETKA 129.1.2149 S=0EA24C485E0423DB37B874D4

COSEM classes tested:             1,3,4,5,6,7(1),8,9,11,15(1),17,18,19(1),20
                                  21,22,23(1),29(2),40,41,43,48,64,70,71,72
                                  74,90(1),91(1),92(1)

COSEM classes found but not tested:  (none)
```

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Commercial registration number CHE-440.972.101

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