DLMS User Association

Bahnhofstrasse 28   Tel. +36 28 514 065
CH-6302 Zug
Switzerland   dlms@dlms.com

Certification No. 2147

This is to certify that the metering equipment identified as:
Type: RS301DJ4
Mgmt. SAP = 1 is "52534D5253333031313132323333334" (RSMRS30111223344)
Manufactured by: Zhejiang Risesun Science and Technology Co.,Ltd.

has successfully passed the DLMS/COSEM Conformance test, under the following conditions:

- CTT version: CTT 3.0 extended edition, 64bits (109)
- Licensed to: 20150319_Zhejiang Risesun Science and Technology_Co_Ltd_CHINA (2015/3/19)
- COSEM object definitions file version: Object_defs_v3.1_released_170313.dat
- Media identifier(s): Abstract, Electricity

Tests	Comm. profile & opening mode	Application contexts	Security features	Date and time	Test Result hash value
Test 1	TCP	LONG_NAMES, LONG_NAMES_WITH_CIPHERING	SERVICE_SPECIFIC_GLO_CIPHERING	02-JUL-2019 13:28:40	24DCCA2E3F6FFF5CE278EBA14DA0D8AE 13C8B5A5247A3A0627C5C2CBA7A625B3

The authenticity of the test report(s) has been verified by the DLMS User Association and the metering equipment identified above is listed on its web site at: www.dlms.com.

With this, the manufacturer is entitled to display the DLMS/COSEM Compliant mark – shown below – on its product duly identified and on its product literature.

dlms
COSEM
Compliant

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

This Certificate is only valid for the functions successfully tested; see the Summary. The test has been executed on one specimen of the product, as identified by the Management Logical Device Name reported. Results may not be applicable for other test specimens.

Date: Zug, the 8th July 2019

Győző Kmethy
President

Viktória Varjú Timárné
Certification Engineer

The DLMS UA is a not for profit Association in conformance with Art. 60ff of the Swiss Civil Code.
Commercial registration number CHE-440.972.101

Certification No. 2147

```
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 = {
  Manufacturer = "\Zhejiang Risesun Science and Technology Co.,Ltd."
  FLAGid = "\RSM"
  Type = "\RS301DJ4"
  IUTIsModule = FALSE
  SerialNr = "\0001"
}

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

TYPE    TOTAL   SKIPPED   INAPPLICABLE   INCONCLUSIVE   PASSED   FAILED
----    -----   -------   ------------   ------------   ------   ------
HDLC            All(Communication profile not HDLC)
APPL    56      0         11             0              45       0
COSEM   1494    0         4              181            1309     0
SYMSEC  48      0         27             0              21       0

Communication profile:              TCP

Application context names:          LONG_NAMES,LONG_NAMES_WITH_CIPHERING

Security mechanisms:                LOW_LEVEL_SECURITY,HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features:            ACTION,GET,RLRQ_RLRE
                                    SERVICE_SPECIFIC_BLOCK_TRANSFER,SET

Security features:                  SERVICE_SPECIFIC_GLO_CIPHERING

Logical device(s) found:
                                    SAP = 1 is "52534D52533333303131313232333333434"
(RSMRS30111223344)

COSEM classes tested:               1,3,4,7(1),8,15,17,22,29,40,41,42,43,44,45
                                    47,64

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