



## CERTIFICATE OF COMPLIANCE

**Certificate N°:** 2793 **Issue date:** November 10th, 2022  
**Applicant:** PT. Citra Sanxing Indonesia **Issued to:** PT. Citra Sanxing Indonesia

Kedoya Elok Plaza Blok DD  
No. 76, Kedoya Selatan,  
Kebon Jeruk

Kedoya Elok Plaza Blok DB  
No. 38, Kedoya Selatan,  
Kebon Jeruk  
11520-West Jakarta  
Indonesia

Kedoya Elok Plaza Blok DD No. 76,  
Kedoya Selatan, Kebon Jeruk

Kedoya Elok Plaza Blok DB No. 38,  
Kedoya Selatan, Kebon Jeruk

11520-West Jakarta  
Indonesia

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



### PRODUCT

Model: CSI-12  
Type: Electric meter  
Firmware ID: Id=SXE0-V19 S=0C65

Mgmt LDN (SAP = 1): SAP = 1 is "53584532313435303030303030303031"  
Manufacturer: PT. Citra Sanxing Indonesia  
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: Ningbo Sanxing Smart Electric Co., Ltd.  
COSEM Object definition file: Object\_defs\_v14.2\_Released\_220701.dat  
Communication profiles: HDLC

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](http://www.dlms.com).



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**Certificate N°: 2793**

Test File: CS112-HLS(4.2) tested with CTT 4.2, release 102

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\* Identification \*

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Identification = {  
Applicant = "\PT. Citra Sanxing Indonesia"  
Manufacturer = "\PT. Citra Sanxing Indonesia"  
FLAGid = "\SXE"  
Type = "\CSI-12"  
IUTisModule = FALSE  
SerialNr = "\45000000001"  
}

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\* Summary \*

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TEST SUITE	TOTAL	PASSED	FAILED
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HDLC	35	35	0
APPL	88	88	0
SecMsg	18	18	0
COSEM	4085	4085	0
SymKey	30	30	0
SecPol	8	8	0

Communication profile: HDLC

Logical device(s) found: SAP = 1 is "53584532313435303030303030303031" (SXE2145000000001)

Active firmware(s): Id=SXE0-V19 S=0C65

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  
MULTIPLE\_REFERENCES  
SERVICE\_SPECIFIC\_BLOCK\_TRANSFER  
SET  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_RANGE  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_ENTRY

Security features: GENERAL\_GLO\_CIPHERING  
SERVICE\_SPECIFIC\_GLO\_CIPHERING  
SUITE\_0  
SECURITY\_ACTIVATE  
KEY\_TRANSFER

COSEM classes tested: 1,3,4,5,6,7(1),8,9,11,15(3),18,19(1),20, 21,22,23(1),40,64,70,71