



## CERTIFICATE OF COMPLIANCE

<b>Certificate N°:</b>	2883	<b>Issue date:</b>	June 14th, 2023
<b>Applicant:</b>	Zhejiang Chint Instrument & Meter Co., Ltd.	<b>Issued to:</b>	Zhejiang Chint Instrument & Meter Co., Ltd.
	Wenzhou Bridge Industrial Zone		Wenzhou Bridge Industrial Zone
	Binjiang district		Binjiang district
	325603-Yueqing		325603-Yueqing
	China		China

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



### PRODUCT

Model: CHS390  
Type: CHS390  
Firmware ID: Id=BSS390011N23051010V1.04 S=39AADAF6

Mgmt LDN (SAP = 1): SAP = 1 is "5A545930303330333030303030303031"  
Manufacturer: Zhejiang Chint Instrument & Meter 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: Zhejiang Chint Instrument & Meter 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](http://www.dlms.com).



# CERTIFICATE OF COMPLIANCE

**Certificate N°: 2883**

Test File: CHS390-HDLC tested with DTT 4.2, release 103

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**\* Identification \***

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Identification = {

Applicant = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"

Manufacturer = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"

FLAGid = "\ZTY"

Type = "\CHS390"

SerialNr = "0000000000000001"

}

\*\*\*\*\*

**\* Summary \***

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TEST SUITE	TOTAL	PASSED	FAILED
-----	-----	-----	-----
HDLC	35	35	0
APPL	36	36	0
SecMsg	6	6	0
COSEM	4827	4827	0
SymKey	18	18	0
SecPol	3	3	0

Communication profile: HDLC

Logical device(s) found: SAP = 1 is "5A5459303033303330303030303031" (ZTY0030300000001)

Active firmware(s): Id=BSS390011N2305[100]1010V1.04 S=39AADAF6

Application context names: LONG\_NAMES  
LONG\_NAMES\_WITH\_CIPHERING

Authentication mechanisms:NO\_SECURITY  
HIGH\_LEVEL\_SECURITY\_GMAC

ACSE and xDLMS features: ACTION  
GET  
MULTIPLE\_REFERENCES  
RLRQ\_RLRE  
SERVICE\_SPECIFIC\_BLOCK\_TRANSFER  
SET

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

COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,18,19(1),20,22,23(1),27(1),29(2),41,42,43,45,47,64(1),70,115



# CERTIFICATE OF COMPLIANCE

**Certificate N°: 2883**

Test File: CH390-TCP tested with DTT 4.2, release 103

\*\*\*\*\*  
\* Identification \*  
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```
Identification = {  
  Applicant = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"  
  Manufacturer = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"  
  FLAGid = "\ZTY"  
  Type = "\CHS390"  
  SerialNr = "000000000000001"  
}
```

\*\*\*\*\*  
\* Summary \*  
\*\*\*\*\*

TEST SUITE	TOTAL	PASSED	FAILED
-----	-----	-----	-----
APPL	37	37	0
SecMsg	6	6	0
COSEM	4827	4827	0
SymKey	18	18	0
SecPol	3	3	0

Communication profile: TCP

Logical device(s) found: SAP = 1 is "5A5459303033303330303030303031" (ZTY0030300000001)

Active firmware(s): Id=BSS390011N2305[100]1010V1.04 S=39AADAF6

Application context names: LONG\_NAMES  
LONG\_NAMES\_WITH\_CIPHERING

Authentication mechanisms:NO\_SECURITY  
HIGH\_LEVEL\_SECURITY\_GMAC

ACSE and xDLMS features: ACTION  
GET  
MULTIPLE\_REFERENCES  
RLRQ\_RLRE  
SERVICE\_SPECIFIC\_BLOCK\_TRANSFER  
SET

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

COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,18,19(1),20,22,23(1),27(1),29(2),41,42,43,45,47,64(1),70,115