



CERTIFICATE OF COMPLIANCE

Certificate N°:	2883	Issue date:	June 14th, 2023
Applicant:	Zhejiang Chint Instrument & Meter Co., Ltd.	Issued to:	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.



CERTIFICATE OF COMPLIANCE

Certificate N°: 2883

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

* Identification *

```

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
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 *

```
Identification = {
  Applicant = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"
  Manufacturer = "\ZHEJIANG CHINT INSTRUMENT & METER CO.,LTD"
  FLAGid = "\ZTY"
  Type = "\CHS390"
  SerialNr = "00000000000001"
}
```

* 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