

Protection & Measurement for Medium Voltage

CURRENT TRANSFORMER FOR MV

- Up to 1200 A of primary current.
- Transformer ratio 1000/1.
- Terminal cover, poka yoke xing base
- Certificate model.

CT-MTP



Primary .../ 1A	Model	Code	Accuracy	
			Measurement	Protection
1000	CT-MTP-1000:1-R (WITHOUT fixing base)	41446	0,2 s	5P10
1000	CT-MTP-1000:1-R-B (WITH fixing base)	41448	0,2 s	5P10
-	FIXING BASE	41449	-	-

TESTS

QUALIFICATION TESTS	STANDARDS
Heating test	UNE EN 61869-2 ap. 7.1.2
Accuracy test	UNE EN 61869-2 ap. 7.1.3.1, 7.1.3.3
Short-time current tests	UNE EN 61869-2 ap. 7.1.4
Verification of the degree of protection provided by enclosure	UNE EN 61869-2 ap. 7.1.5
Tests with open secondary in fault conditions	UNE EN 61869-2 ap. 7.1.6
Saturation test for current and demagnetization	UNE EN 61869-2 ap. 7.1.3.4
Glow wire test	UNE EN 60.695-2-11 ap. 7.1.7

INDIVIDUAL TESTS	STANDARDS
Power-frequency withstand voltage test for primary winding insulation	UNE EN 61869-2 ap. 7.1.2
Power-frequency withstand voltage test for secondary terminals	UNE EN 61869-2 ap. 7.2.2
Determination of errors	UNE EN 61869-2 ap. 7.2.3.1, 7.1.3.3
Overvoltage test between turns	UNE EN 61869-2 ap. 7.2.3.4
Verification of markings	UNE EN 61869-2 ap. 7.3.3

CHARACTERISTICS AND DIMENSIONS

CHARACTERISTICS

Overload	1,2 I_N
Frequency	50/60 Hz
Maximum Voltage Um	0,72 kV
Isolation Voltage	3 kV
Short circuit thermal current I _{th}	20 kA
Short circuit dynamic current I _{dyn}	2,5xI _{th}
Accuracy limit	150%
Security factor	5
Insulation class	E

