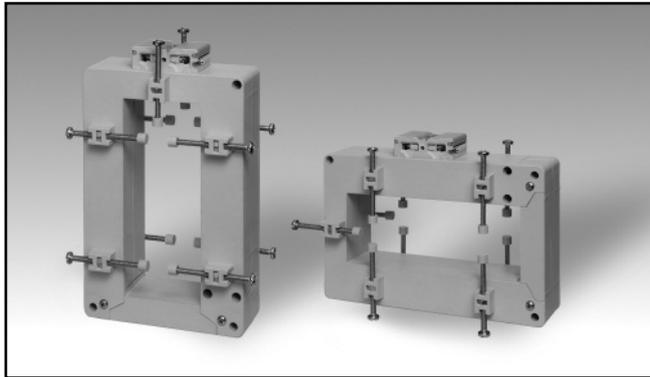


Accessories

AC Solid-core Current Transformer

Type CTD-9V / CTD-9H (max 35x125 mm)

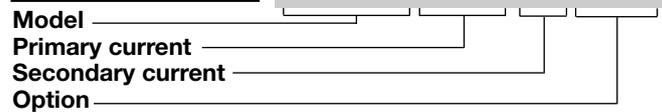


- Bus-bar type solid-core current transformer
- Class 0.5 accuracy
- Currents from 400 A to 3200 A
- Up to 10 Bus-bar isolated fixing screws
- Double screw terminals (up to 8-wire connections)
- Sealable terminal block covers

Product Description

Solid-core current transformer with bus-bar mounting facility. Rated primary currents from 400 A to 3200 A.

Ordering Key **CTD-9V 2000 5A XXX**



Type Selection

Model	Primary current	Secondary current	Option
CTD-9V: vertical mounting	From 400A to 3200A (Refer to the Range Table)	1A (on request) 5A	XXX: none
CTD-9H: horizontal mounting			XTX: tropicalization

Input Specifications

Operating frequency	48 to 62 Hz
Max. system voltage	0.72 kV
Rated insulation level	3 kV/1 min. @ 50 Hz
Insulation class	E (max 75°C)
Short-time current rating I_{th} I_{dyn}	Typical 100 I_n / 1 s 2.5 I_{th} The short-time thermal current I_{th} is anyway limited by the cable/bus-bar size
Extended current rating	refer to the Range Table
Security factor (FS)	≤ 5 (Class: 0.5, 1 and 3)

Working temperature	-25°C to: refer to the Range Table (-13°F to: refer to the Range Table) (R.H. < 90% non condensing @ 40°C)
Storage temperature	-30°C to +70°C (-22°F to 158°F) (R.H. < 90% non condensing @ 40°C)
Approvals	CE. cURus and CSA (400A to 2000A)
Connection Cable cross section area	Screw type From 1.5 to 6 mm ² Min/Max screws tightening torque relevant to terminal block screws: From 1 to 2 Nm Max screws tightening torque relevant to the cable/bus-bar fixing screws: 0,3 Nm
Protection degree	IP00 (without sealable terminal covers) IP20 (with sealable terminal block covers + wire terminals)
Bus-bar size	Max. 35x125 mm
Weight	From 450 to 700 g

General Specifications

Standards	According to EN61869-2
Housing	ABS, self-extinguishing: UL 94 V-0
Mounting	Bus-bar mounting
Standard accessories	Two terminal block screws. Ten bus-bar fixing screws. Ten plastic caps for bus-bar fixing screws. Two sealable terminal block covers.
Special features	1 A secondary current, Tropicalization

Output Specifications

Rated secondary current	5 A or 1 A
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