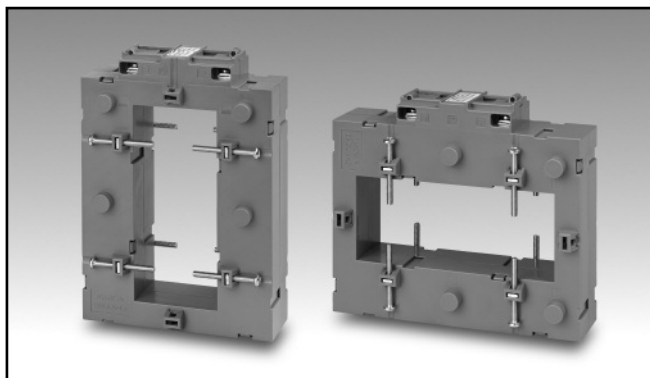


Accessories

AC Solid-core Current Transformer

Type CTD-12V/12H (max 53x125 mm)

CARLO GAVAZZI



- Bus-bar type solid-core current transformer
- Accuracy class 0.5
- Current range from 1000 to 4000A
- Up to 8 bus-bar fixing screws
- Double screw terminals (up to 4-wire connections)
- Sealable terminal block covers

Product Description

Solid-core current transformer with bus-bar mounting facility.

Rated primary current from 1000 to 4000A.

Ordering Key CTD-12V 4000 5A XXX

Model _____
 Primary current _____
 Secondary current _____
 Option _____

Type Selection

Model	Primary current	Secondary current	Option
CTD-12V: vertical mounting	1000	5A	XXX: none
CTD-12H: horizontal mounting	1500		
	2000		
	2500		
	3000		
	4000		

Input Specifications

Operating frequency	50-60 Hz
Max. system voltage	0.72 kV
Rated insulation level	3 kV/1 min. @ 50 Hz
Insulation class	B (1000 to 4000A)
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
Security factor (FS)	≤ 10

Working temperature	-30°C to +40°C (-22°F to 104°F) (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
Connection Cable cross section area	Screw type From 1.5 to 4 mm ²
Protection degree	IP20
Bus-bar size	Max. 53x125 mm
Weight	< 1.3 Kg

General Specifications

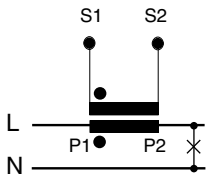
Standards	According to EN60044-1
Housing	Polycarbonate UL94 V2
Mounting	Bus-bar mounting
Standard accessories	Two terminal block screws. Eight bus-bar fixing screws. Two sealable terminal block covers.

Output Specifications

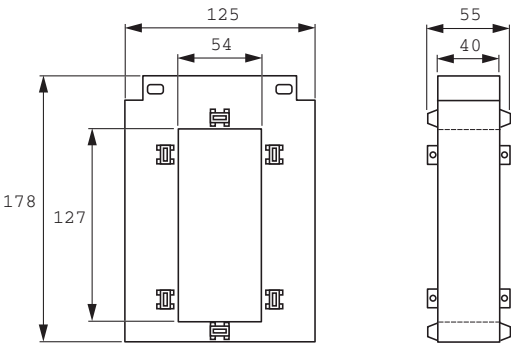
Rated secondary current	5 A
Burden	15 VA



Wiring Diagram



Dimensions Vertical mounting (mm)



Dimensions Horizontal mounting (mm)

