



Bar Primary Current Transformers High Performance TR SERIES



- Primary current from 150 to 15000A
- For busbar up to 4 bars 300×20 mm
- Insulation 0.75/4 kV
- Excellent resistance to shocks, vibrations, salty atmosphere

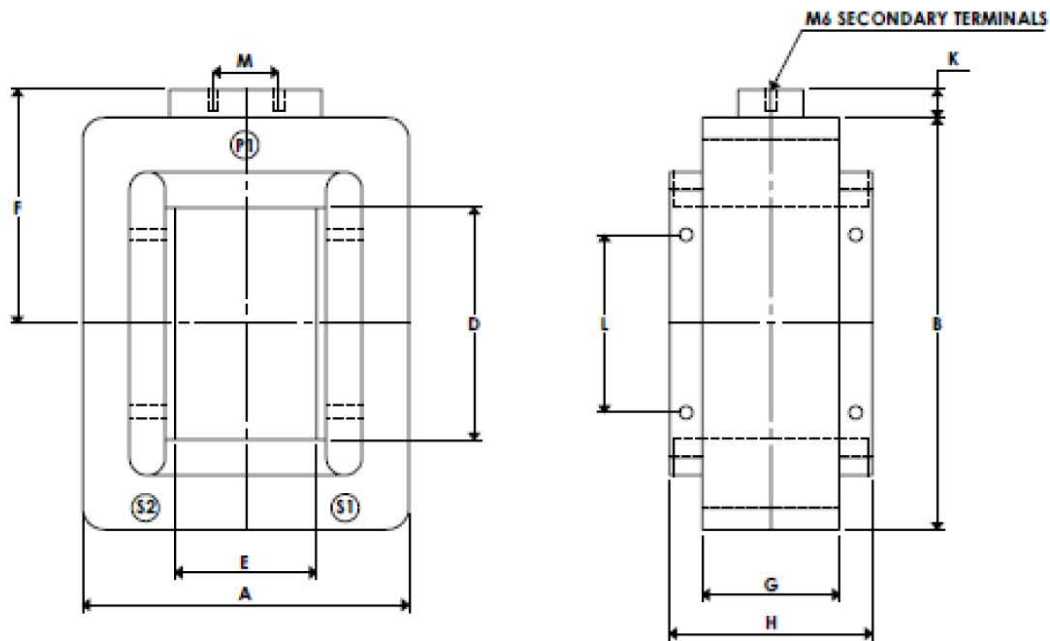
Current transformers moulded in self-extinguishing resin for the measurement of AC current from 150 to 15000A.

This range has high performance characteristics, and demonstrates an excellent resistance to shocks, vibration, salts and moisture.

Technical data	
Highest voltage for equipment	750V
power-frequency withstand voltage	4000V
primary current I _{pn}	150 to 15000A
secondary current I _{sn}	5 or 1A
Frequency	50 or 60 Hz
Rated output	1 to 60 VA
Accuracy class	0.2 - 0.2S - 0.5 - 0.5S - 1 - 3 - 5P - 10P - CLX
Security factor	5 to 20
Accuracy limit factor	5-10-15-20-30
Continuous thermal current	1.2 I _{pn}
short-time thermal current I _{th}	80 I _{pn} . 1s
Dynamic current I _{dyn}	2.5I _{th}
Insulation class	E
Altitude	1000 m
Ambient temperature	-5C° to + 40 C° -25C° to + 40 C° -40C° to + 40 C°
Standards	IEC60044-1, IEC61869-2, ANSI C57.13

Other characteristics on request	
Highest voltage for equipment	Up to 2400 V
power-frequency withstand voltage	Up to 11 KV
secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10000 Hz
Continues thermal current	1.2 to 1.5I _{pn} and 2I _{pn}
Ambient temperature	-40C° to + 70 C°
Standard	ANSI C57.13 – CAN3 C13 – AS 1675, IEC60044-6

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Support type current transformer indoor Block type

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