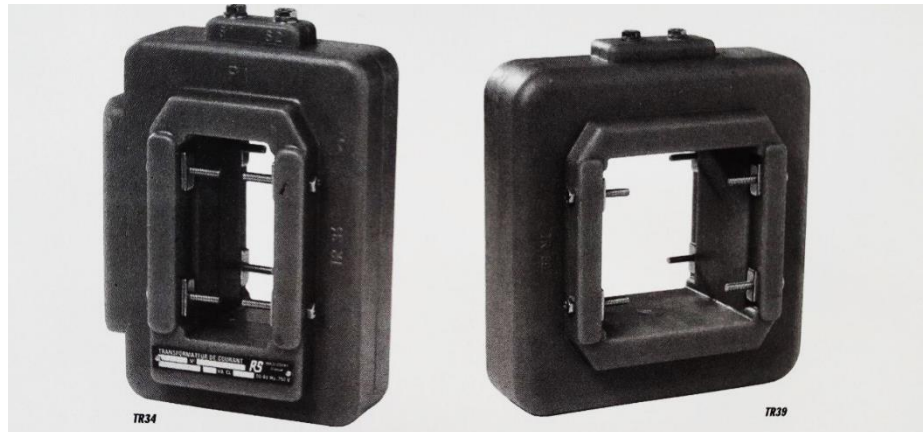


Bar Primary Current Transformers

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.

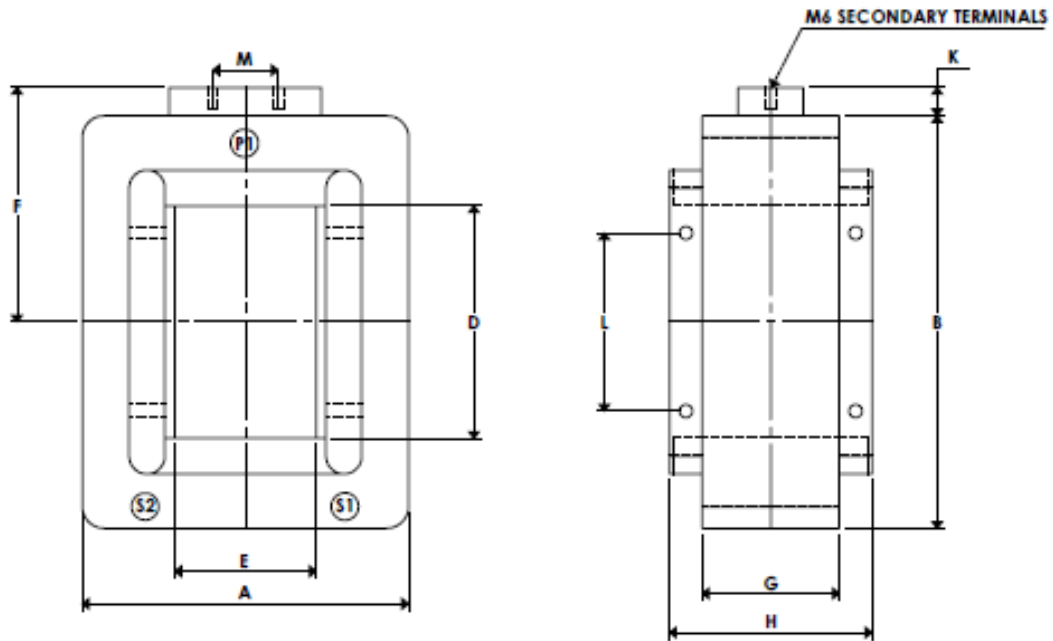
Technical data

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 - CIX
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

Type	Weight	A	B	D	E	F	G	H	L	K
	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm
TR36	2.8	150	190	107	65	112	63	93	82	15
TR39	4.2	198	214	107	90	118	60	92	65	11
TR40	7.8	296	220	105	183	125	75	105	65	15

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