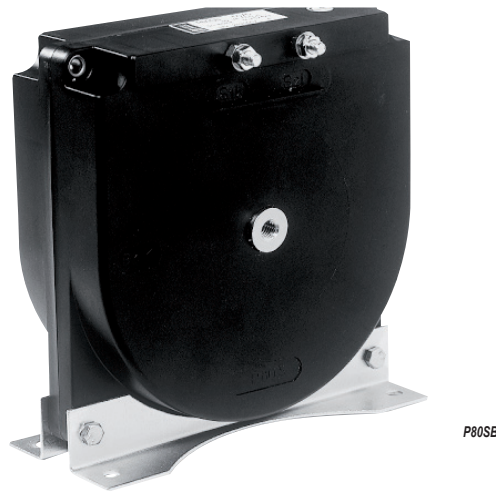


WOUND PRIMARY CURRENT TRANSFORMERS HIGH PERFORMANCE P80SB SERIES



- **Primary current from 0 to 150A**
- **Measurement and protection**
- **High performance characteristics**
- **Variable geometry/ adaptability**

Moulded case current transformer for the measurement of AC currents up to 150 A.

This current transformer has been designed to meet the most demanding requirements, especially for protection relays.

Spacers can be inserted. Then rivets are replaced with screws.

Technical data

Highest voltage for equipment	0,72 kV
Power-frequency withstand voltage	3 kV
Primary current I _{pn}	0 to 150 A
Secondary current I _{sn}	5 or 1 A
Frequency	50 or 60 Hz
Rated output	1 to 60 VA
Accuracy class	0.5 - 1 - 3
Security factor	5 to 30
Continuous thermal current	1.2 I _{pn}
Short-time thermal current I _{th}	80 I _{pn} .1s
Dynamic current I _{dyn}	2.5 I _{th}
Insulation class	E
Ambient temperature	-25°C to + 40°C
Case	Thermoplastic UL94 V0
Mounting brackets	EA type as standard
Standards	IEC - IEEE - CSA - AS - BS

Other characteristics on request

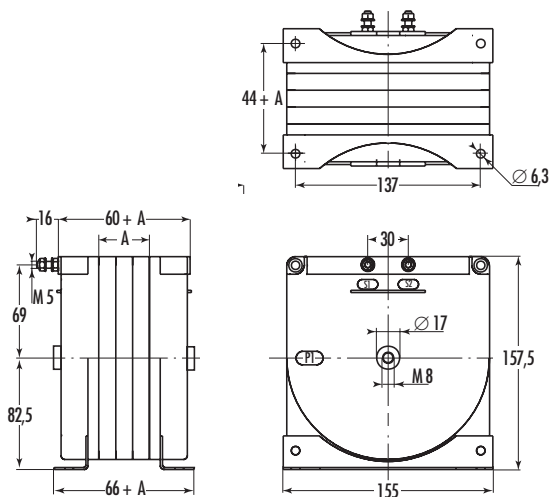
Highest voltage for equipment	Up to 2400 V
Power-frequency withstand voltage	Up to 11 kV
Secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10000 Hz
Accuracy class	0.1 - 0.2 - 0.2S - 0.5S - 5P - 10P - cIPX
Accuracy limit factor	5 - 10 - 15 - 20 - 30
Multi-ratio	
Multiple cores	
Ambient temperature	-40 °C to +70 °C

Accessories / Options

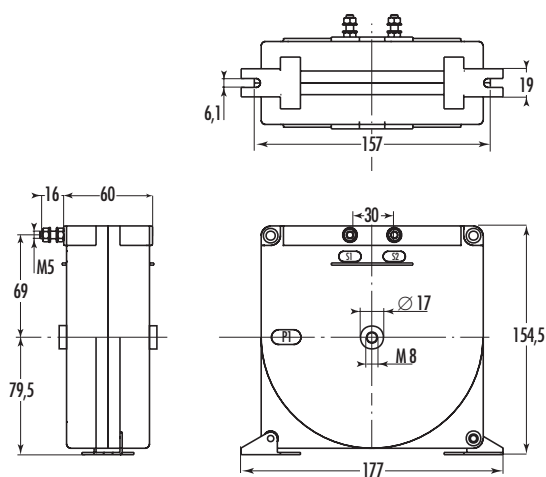
Mounting brackets	EN type
Strengthened mounting brackets	EB type
Sealable terminal cover (IP20)	
Tropicalization	
SAVI package	Full set of primary nuts and bolts for 50 pieces

WOUND PRIMARY CURRENT TRANSFORMERS - HIGH PERFORMANCE P80SB SERIES

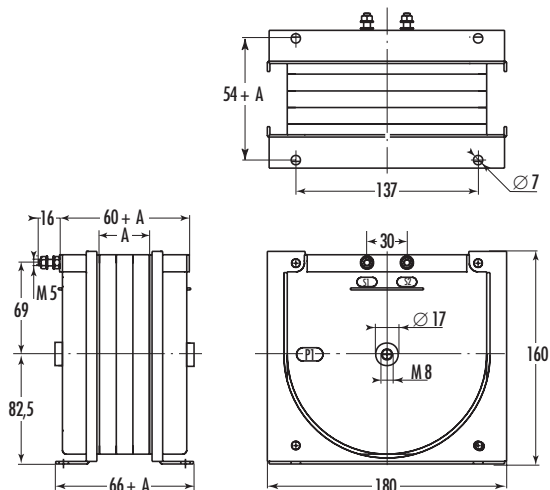
P80SB with EA type brackets



P80SB with EN type brackets



P80SB with EB type brackets



Installation

- Dimension A = 0 as standard and may be increased according to specifications
- The useful depth of the M8 thread is 7 mm for all wound primary current transformers.
It is recommended that a brass stud is used to link the bar or the cable lug with the transformer primary.
The stud must be screwed in by hand to the full depth of the M8 insert.
- Primary tightening torque on bars or cable lugs = 9Nm
- Secondary tightening torque = 2,5 Nm
- In case of mounting lug, the latter must be maintained during tightening so as to limit the torque transmitted to the terminal of the device.

