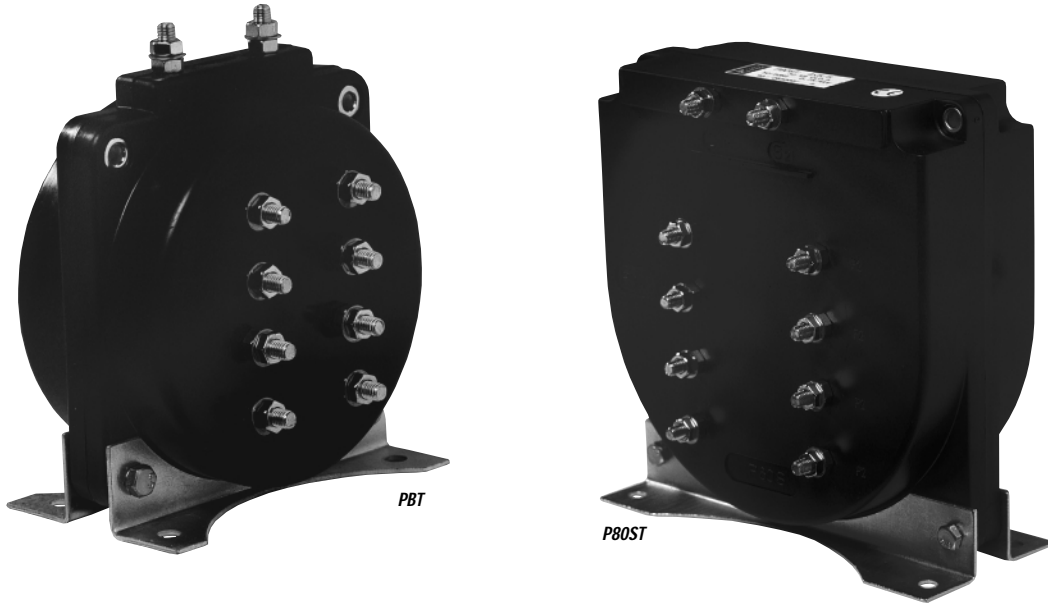


SUMMATION CURRENT TRANSFORMERS PBT - P80ST



- **Summation of 2 to 12 currents**
- **Insulation 0.75/4 kV**
- **Measurement and protection**

Current transformers for the summation of 2 to 12 different currents of the same phase, supplied by the secondaries of 2 to 12 transformers with identical or different ratios. There are 2 models, PBT or P80ST, selected according to requirements. They are delivered with EA mounting brackets.

Technical data

Highest voltage for equipment	750 V
Power-frequency withstand voltage	4000 V
Primary current I _{pn}	5 A
Secondary current I _{sn}	5 A
Frequency	50 or 60 Hz
Rated output	1 to 60 VA
Accuracy class	0.5 - 1 - 3
Security factor	< 5
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 - +40 °C
Case	Thermoplastic UL94 HB or V0
Standards	CEI 44-1 - NF C42502 - VDE 0414 - BS 7626

Other characteristics on request

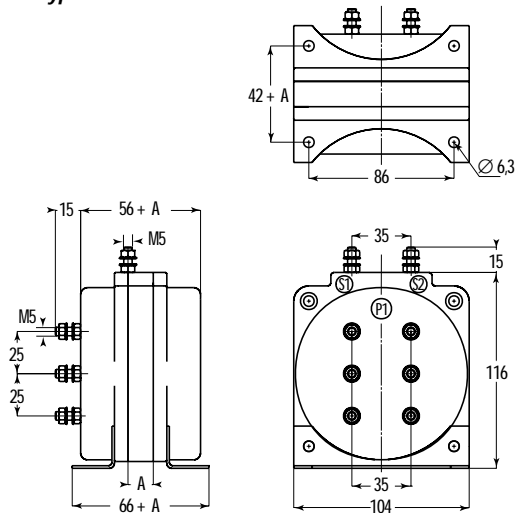
Highest voltage for equipment	Up to 2400 V
Power-frequency withstand voltage	Up to 11 kV
Primary current I _{pn}	0.005 to 10A
Secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10000 Hz
Accuracy class	0.1 - 0.2 - 0.2S - 0.5S - 5P - 10P - cIX
Accuracy limit factor	5 - 10 - 15 - 20 - 30
Ambient temperature	-40 °C to +70 °C
Standards	ANSI C57.13 - CAN3 C13 - AS 1675

Accessories / Options

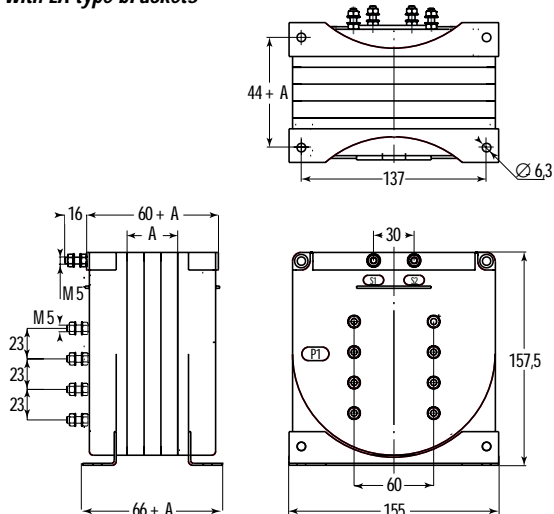
Mounting brackets	EN type
Strengthened mounting brackets	EB type on P80ST model
Tropicalization	

SUMMATION CURRENT TRANSFORMERS PBT - P80ST

PBT with EA type brackets



P80ST with EA type brackets



Installation

- Never short-circuit unused primary windings.
- Dimension $A = 0$ as standard and may vary according to specifications.