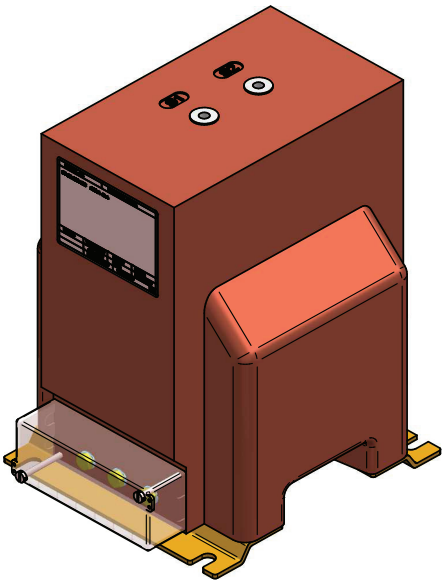
INSULATION VOLTAGE TRANSFORMER
CB-A0 SERIES



CB231-A0

- ***Indoor***
- ***3.6 - 7.2 - 12 - 17.5 - 24 - 36 kV***
- ***Cast Resin insulated***
- ***Compact range***

Feeding LV transformer brought to HV environment.
Brings 20 to 230V, insulated up to 36kV.

Examples:

- Camera installed on railway catenary for potential worn out sections.
- Frequency inverters, feeding control instruments.
- Electrostatic paint.

Technical data

Rated insulation level	3.6/16/45 kV to 36/70/170 kV
Primary voltage Upn	From 100 to 400V
Secondary voltage Usn	20 to 230 V
Frequency	50 or 60 Hz
Accuracy class	CLA
Voltage factor	1.2 Upn permanent
Thermal limiting output	Up to 500VA
Insulation class	E
Ambient temperature	- 5°C to + 40°C
Fixation	CB fixing brackets
Standards	CEI - IEEE - CSA - AS - BS

Other characteristics on request

Ambient temperature	- 40°C to + 70°C

Accessories / Options

Sealable cover (IP20)	
Fixation	Reinforced fixing plate

INSULATION VOLTAGE TRANSFORMER - CB-A0 SERIES

Selection table and dimensions

Type	ins° level *(max) kV*	Weight *kg*	A *mm*	B *mm*	C *mm*	D *mm*	E *mm*
CB231-A0	24/50/125	19	250	178	190	128	104
CB241-A0	24/50/125	19	250	198	190	128	104
CB242-A0	24/50/125	24	250	198	250	128	138
CB452-A0	36/70/170	34	360	228	250	128	138

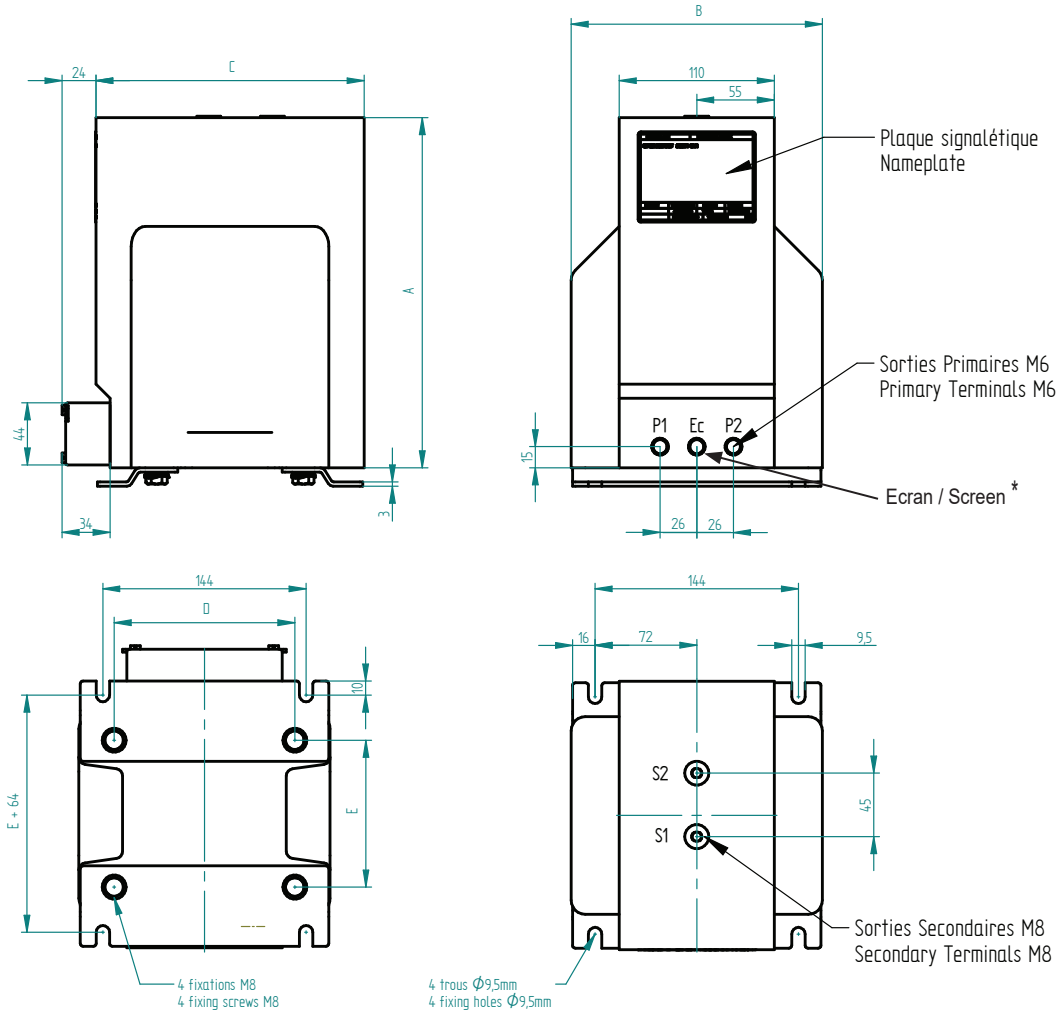
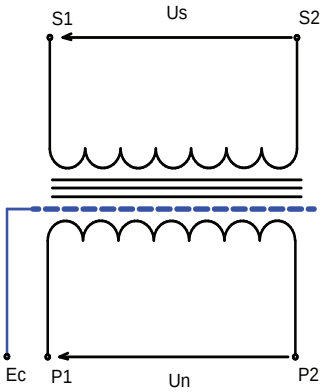


Schéma de branchement

Connexion diagram



***Ec** :*
Ground screen terminal between primary and secondary windings
To be grounded

Installation :
Tightening torque on primary connections M6 : 2 N.m
Tightening torque on secondary connections M8 : 13 N.m