



AAL[®]

Autometers Alliance Ltd



25kV SINGLE POLE PRIMARY VOLTAGE TRANSFORMER

Salient Features

- Routine and Type test Compliance as per IEC 61869-3 & EN 50152 -3-3 Std.
- Pressure release system and burst proof design.
- Suitable for locomotives roof fitment and outdoor application.
- Epoxy resin cast coil-core winding assembly.
- Special type of foam used to sustain vibrations, and for good mechanical strength & dielectric properties.
- All exposed components are suitable for all climatic and environmental conditions.
- Alloy base secondary box provided which brought out from bottom of insulation body, provided secondary fuse for the protection.

Autometers Alliance Ltd offers 36kV Single pole magnetic Primary Voltage Transformer (PVT). It is designed with cast resin insulation with special type of pressure release system on the top of PVT which acts as burst proof system. It is design to meet all requirements of IEC 61869-3 & EN 50152 -3-3 standard and suitable to use on the roof of locomotives and outdoor application.

SPECIFICATIONS:

Highest System Voltage (Um)	36 kV
Test Voltage / Insulation Level (IL)	75kV /170 kVp
Ratio	25000 / 200 Volt
Rated Primary Voltage (Input Voltage)	25 kV
Rated Secondary Voltage (Output Voltage)	200 Volt
Burden	30 VA
Accuracy Class	1.0
Voltage Factor (VF)	1.2 Cont. / 1.5 for 30 Sec.
Frequency	50 / 60 Hz
Creepage distance	≥ 1090 mm
Weight	~80kg
Compliance Standard	IEC 61869 – 3 & EN 50152-3-3



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