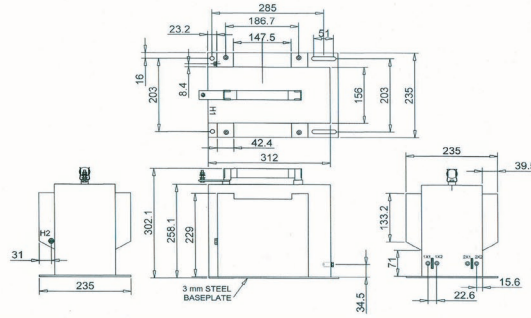
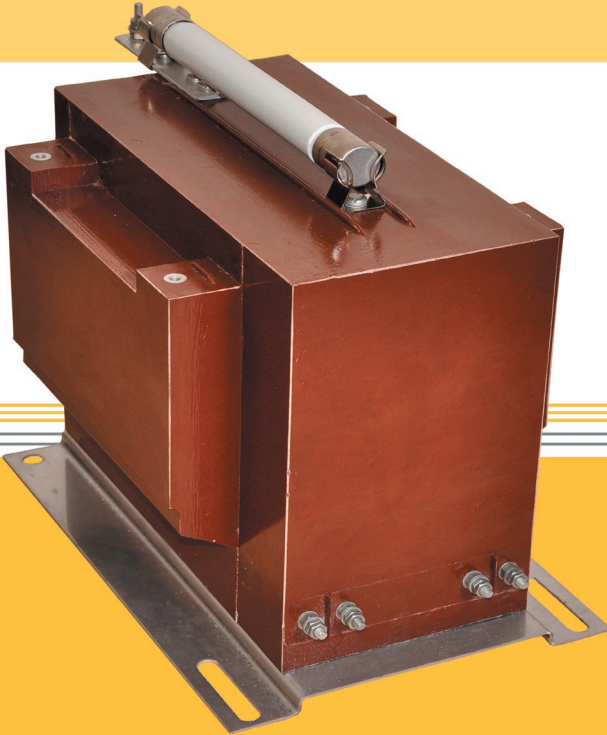




Transmag (UK) Ltd

Cast Resin Voltage Transformers

420 Series TMG/TMP



Cast Resin Transformers



Introduction

Our 420 range of single phase voltage transformers with single or double fuse arrangements has been designed for customers who prefer single phase configurations rather than our 3 phase monobloc casting. For switchgear applications in instrument control, metering and protection. Available with single or double secondary windings for AC measurement of voltages between phase to ground or phase to phase, with system voltages up to 15.5 KV.

Standards

Our units are designed to meet the requirements of BS EN 6044-2 BS7625, ANSI-C57-13, CAN3-C13 and AS 1675 standards and/or customers' specific requirements. All our units are ROHS compliant.

Construction

Cast polyurethane resin block complete with core and coils mounted onto a stainless steel base plate. Comparative Tracking Index (CTI) of our polyurethane resin in volts >600 thus giving an assigned Performance Level Category (PLC) of 0. Our units are also available cast in epoxy resin if required. Cores are constructed from grain orientated silicon steel. Windings are in high grade copper double coated with polyester. The units are fitted with brass M8 HV terminals and M6 brass LV terminals. HV fuses are secured and mounted by 25mm spring clips. Dimensions are as per diagram.

Indoor voltage transformers with single or double secondary windings, system voltages up to 15.5KV.

Instrument Transformers Solution & Technology

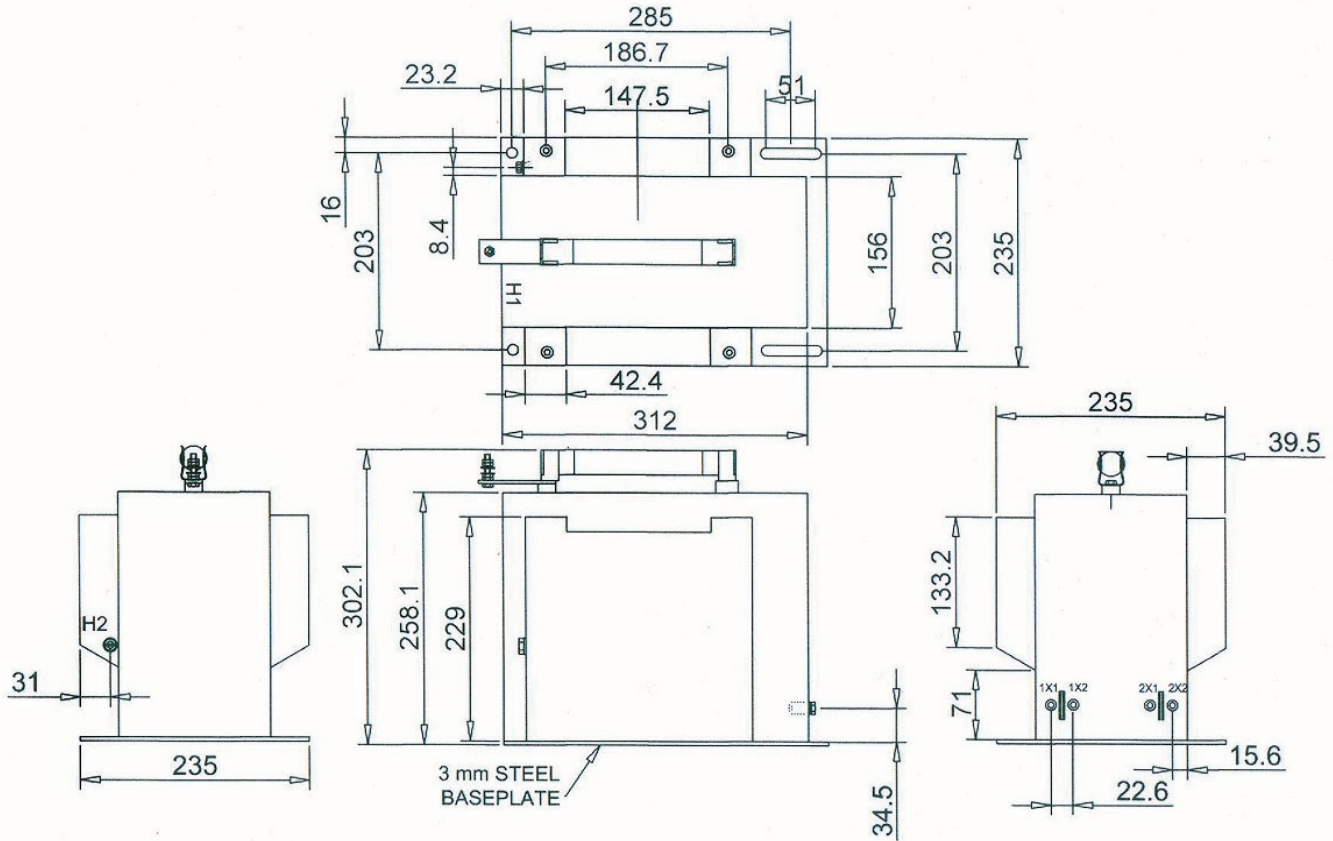
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420 TMG/TMP Single Phase Cast Resin Voltage Transformers

Technical Drawing



Technical Details

BSEN.60044-2 SPECN:

Rated Voltage	Secondary Voltage	Connection	RVF.	No. of Secondaries
7.2 kV V3	120 -120V V3	line to ground	1.9 30 secs	double secondary
10.5 kV V3	110V V3	line to ground	1.9 30 secs	single secondary
to	110V -110V V3			double secondary
12.5 kV V3	120V -120V V3			double secondary
13.8 kV V3	100 or 110 V3	line to ground	1.9 30 secs	single secondary
15 kV V3	110 - 110V V3	line to ground	1.9 30 secs	double secondary

ANSI. C76 SPECN:

Rated Voltage	Secondary Voltage	Connection	RVF.	No. of Secondaries
15.5 kV V3	120V V3			single secondary



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