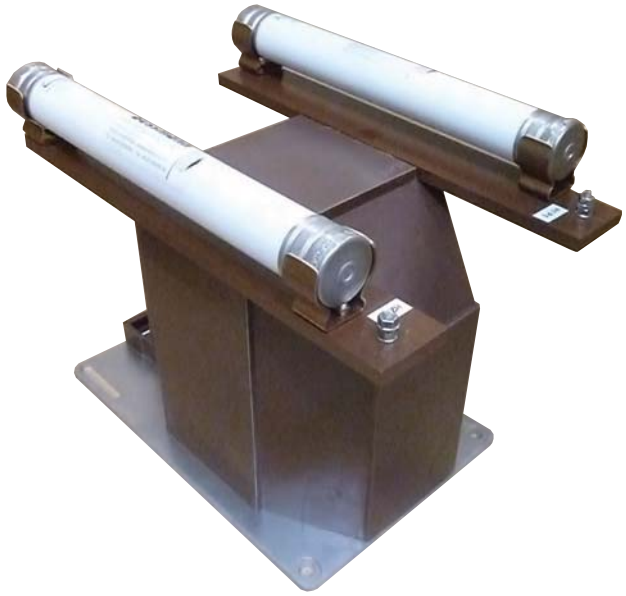
Types VEU15-01 and VZU15-01 Voltage Transformers 15kV, 110kV BIL, Indoor



Product Features

15kV Indoor VT

110kV BIL

60 Hz

Rated Primary Voltage: 7200V-14400V

IEEE Accuracy at 60Hz:
0.3 WXYZ, 1.2ZZ @120V
0.3WXY, 1.2Z @69.3V

Thermal Burden:
1500 VA @ 30C
1000 VA @ 55C

Weight 83/85 lbs (38/39 kg)

E481976

General Description
Ritz manufactures an extensive line of cast epoxy resin insulated transformers across the voltage range of 5kV to 72.5kV. This brochure describes indoor voltage transformers in the 15kV class with performance ratings coinciding with industry standard product offerings. Ritz, because of product depth, familiarity with international standards, and custom design capability can also design a solution toyour specific needs.

Construction
The core and coil assembly is encapsulated in epoxy resin in a single process, performed under vacuum, using the pressure gelation method.
The resin color is brown. Epoxy resin was chosen because of its excellent tracking resistance, high mechanical strength, and its noncombustability.

Primary Fuses
Three options are available: units are supplied with fuses and all hardware, units are supplied with fuse clips and associated hardare, or units are supplied with no fuse clips or hardware.

Base Plate
The base is made from marine-grade aluminum and is securely attached to the transformer body. Industry-standard mounting dimensions.

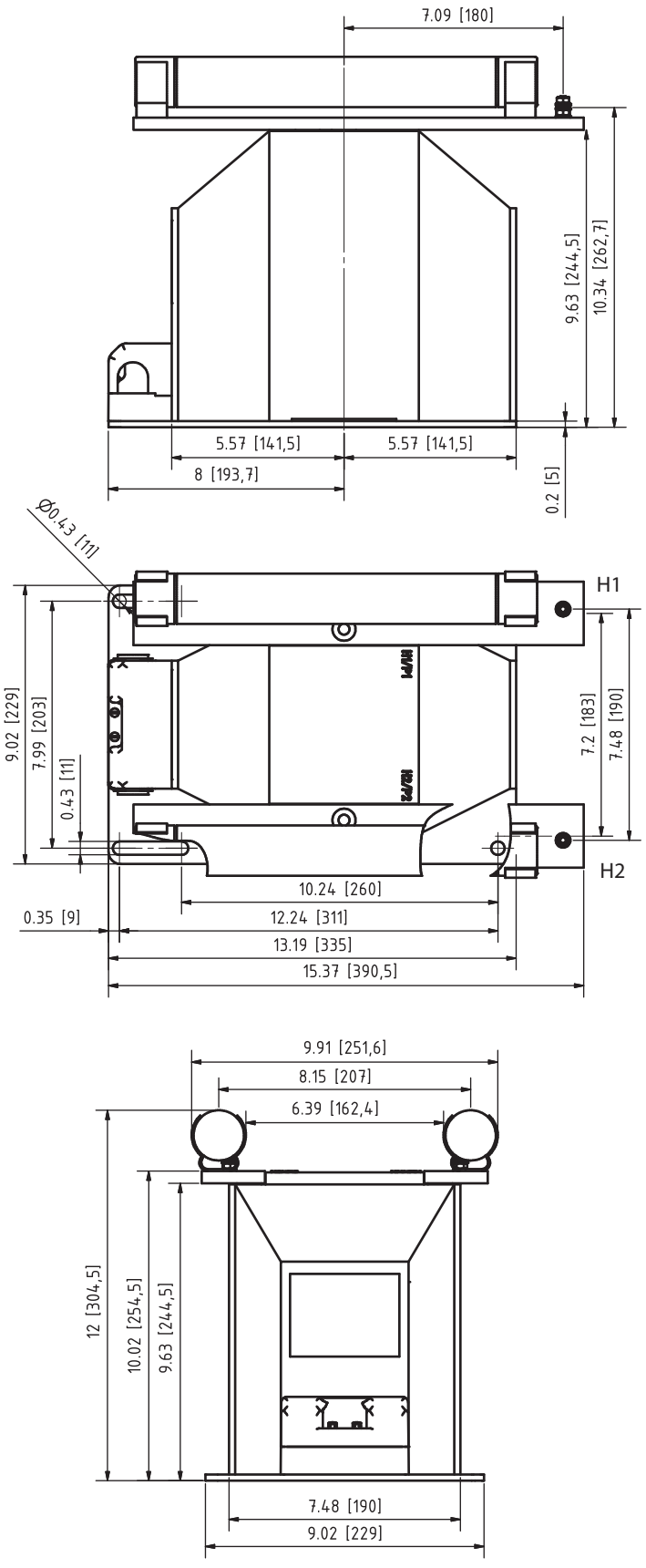
Nameplate
Nameplate labels are supplied affixed to the unit above the secondary terminal box.

Mounting
The transformers can be mounting in the horizontal, vertical, or suspended position.

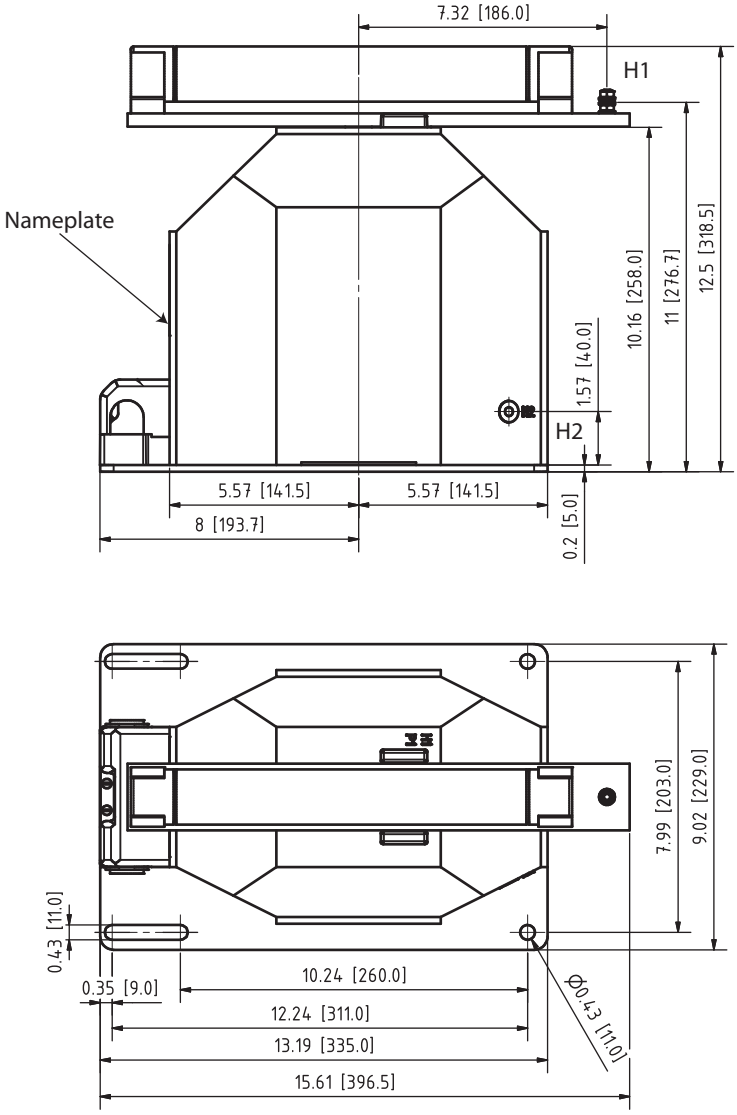
Tests
Routine tests in ccompliance with IEEE and ANSI are standard. Designs and tests to other international standards are available upon request. Test cards are included with each unit.

Commissioning and Maintainence
Transformers are supplied ready for service. No special tools are required. Instruction manuals are provied with each shipment.

VZU15-01 (Shown with Fuses)



VEU15-01 (Shown with Fuse)



Type VEU 15-01 - Single Bushing					
Primary Voltage (V)	**IEEE Group**	**Ratio**	**Catalog Number Fused**	**Catalog Number w/ Fuse Clips Only**	**Catalog Number No Hardware**
7200 / 12470 GY	4A	60:1	121543001.395108F	121543001.395108C	121543001.395108
7620 / 13200 GY	4A	63.5:1	121543001.395109F	121543001.395109C	121543001.395109
7970 / 13800 GY	4A	66.42:1	121543001.395110F	121543001.395110C	121543001.395110
8400 / 14400 GY	4A	70:1	121543001.395111F	121543001.395111C	121543001.395111
12000 / 12000 GY	4B	100:1	121543001.395112F	121543001.395112C	121543001.395112
13200 / 13200 GY	4B	110:1	121543001.395113F	121543001.395113C	121543001.395113
13800 / 13800 GY	4B	115:1	121543001.395114F	121543001.395114C	121543001.395114
14400 / 14400 GY	4B	120:1	121543001.395115F	121543001.395115C	121543001.395115
Type VZU 15-01 - Double Bushing					
Primary Voltage (V)	**IEEE Group**	**Ratio**	**Catalog Number Fused**	**Catalog Number w/ Fuse Clips Only**	**Catalog Number No Hardware**
7200 / 12470 Y	1	60:1	121542001.395100FF	121542001.395100CC	121542001.395100
7620 / 13200 Y	1	63.5:1	121542001.395101FF	121542001.395101CC	121542001.395101
7970 / 13800 Y	1	66.42:1	121542001.395102FF	121542001.395102CC	121542001.395102
8400 / 14400 Y	1	70:1	121542001.395103FF	121542001.395103CC	121542001.395103
12000 / 12000 Y	2	100:1	121542001.395104FF	121542001.395104CC	121542001.395104
13200 / 13200 Y	2	110:1	121542001.395105FF	121542001.395105CC	121542001.395105
13800 / 13800 Y	2	115:1	121542001.395106FF	121542001.395106CC	121542001.395106
14400 / 14400 Y	2	120:1	121542001.395107FF	121542001.395107CC	121542001.395107

Other ratings available upon request.
Ratings listed in this brochure are subject to change without notice.

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