

MODELS CPTD3-60-75 & CPTD5-95-75

Medium Voltage Control Power Transformer

Application

To provide control power in medium voltage switchgear.

Frequency

60 Hz.

Insulation Level

5 kV, 15 kV Class, 60 kV & 95 kV BIL

Thermal Rating

75 kVA at 30°C ambient.
64.3 kVA at 55°C ambient. 80°C rise.

Characteristics

H.V. Terminals are 3/8-16 brass insert.
L.V. Terminals are 0.25 thk. x 1.50 wide
copper pads with a 0.56 dia. mtg./hole
Windings are encapsulated in epoxy resin.

Mounting base is steel.

Assembly is varnish coated.

Available as unfused only.

Self cooled.

For indoor use.

Approximate weight 900 lbs.

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Standard Typical Voltage - Consult Factory For Specials

**CATALOG NUMBER	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	*FUSE RATING
CPTD3-60-75-4161**	4160 V	34.7:1	120/240 V	40E
CPTD3-60-75-482**	4800V	40:1	120/240 V	30E
CPTD5-95-75-722**	7200 V	60:1	120/240 V	30E
CPTD5-95-75-842**	8400V	70:1	120/240 V	30E
CPTD5-95-75-123**	12000 V	100:1	120/240 V	20E
CPTD5-95-75-1242**	12470 V	104:1	120/240 V	20E
CPTD5-95-75-1382**	13800 V	115:1	120/240 V	20E
CPTD5-95-75-1442**	14400 V	120:1	120/240 V	20E

*Note all fuse rating are based on NEC transformer overcurrent protection recommendations. Specific applications may require other other ratings.

**For 1 $\pm$ 7 1/2% taps use suffix "A" after Catalog No.

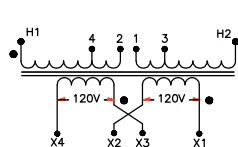
**For 2 $\pm$ 2 1/2% taps use suffix "B" after Catalog No.



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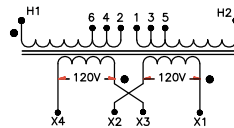
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Connection Diagrams



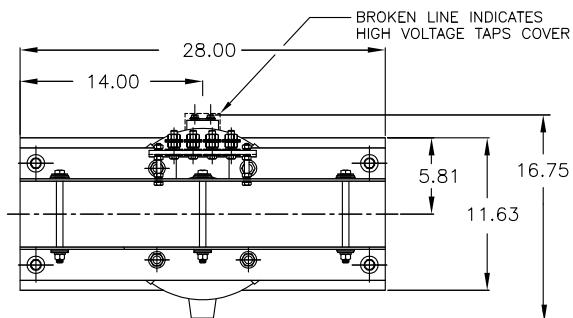
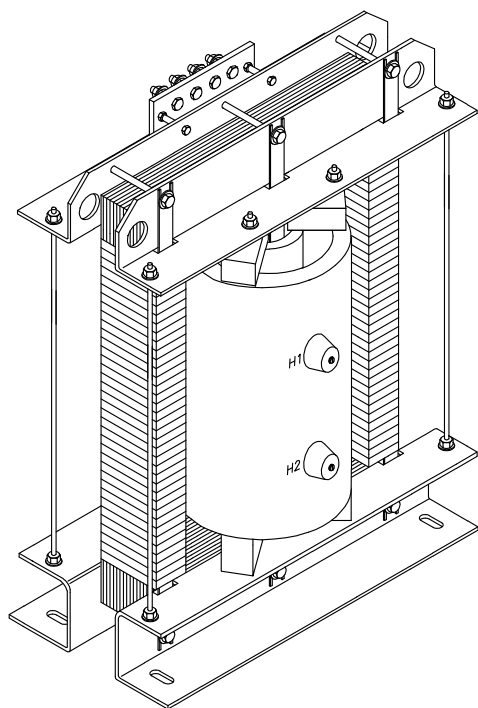
PRIMARY VOLTS	CONNECT
107.5%	1 - 2
100%	2 - 3
92.5%	3 - 4

1 $\pm 7\frac{1}{2}\%$ PRIMARY TAPS
SUFFIX "A"

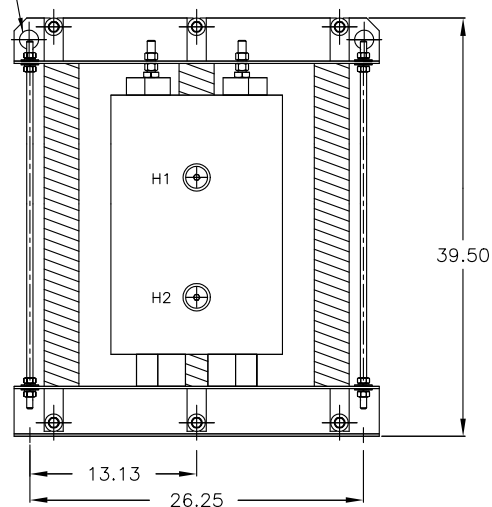


PRIMARY VOLTS	CONNECT
105%	1 - 2
102.5%	2 - 3
100%	3 - 4
97.5%	4 - 5
92.5%	5 - 6

2 $\pm 2\frac{1}{2}\%$ PRIMARY TAPS
SUFFIX "B"



NOTE: 1.50 DIA. LIFTING HOLE, TYP., 4 PL.



NOTE: LV TERMINAL CONNECTOR
NOT SHOWN IN THIS VIEW.

