

Models 3CPTD3-60-75 & 3CPTD5-95-75

Control Power Transformer Medium Voltage

Application

To provide control power in medium voltage switchgear.

Frequency

60 Hz

Insulation Level

5 kV & 15 kV Class,
60 kV & 95 kV BIL, 150 °C

Thermal Rating

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

H.V. Terminals are No. 8-2 connector.
L. V. Terminals are 1/2-13 brass studs.

Windings are encapsulated in epoxy resin.

Mounting base is steel.

Assembly is varnish coated.

(6) Mounting slots are 0.37 x 0.75, Typ.

Low voltage available, 208 Y/120 V.

For indoor use.

Approximate weight 2000 lbs.



For Horizontal Mounting

Standard Typical Voltage - Consult Factory for Specials

Models 3CPTD3-60-75 & 3CPTD5-95-75

**Catalog Number	Primary Voltage	*Fuse Rating
3CPTD3-60-75-4161**	4,160	25E
3CPTD3-60-75-482**	4,800	20E

**Catalog Number	Primary Voltage	*Fuse Rating
3CPTD5-95-75-722**	7,200	20E
3CPTD5-95-75-842**	8,400	20E
3CPTD5-95-75-123**	12,000	10E
3CPTD5-95-75-1242**	12,470	10E
3CPTD5-95-75-1322**	13,200	10E
3CPTD5-95-75-1382**	13,800	10E

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

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

***For 2 ± 2 1/2% taps use suffix "B" after Catalog No.*

Models 3CPTD3-60-75 & 3CPTD5-95-75 - for Horizontal Mounting

Connections Diagrams

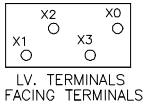
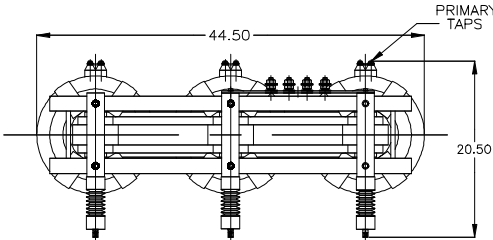
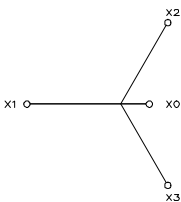
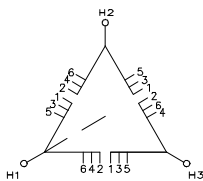
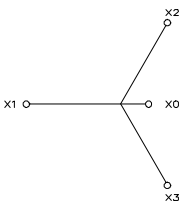
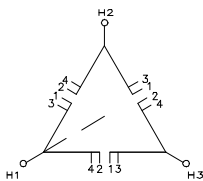
PRIMARY VOLTS	CONNECT
107.5%	1 - 2
100%	2 - 3
92.5%	3 - 4

1 ±7-1/2% PRIMARY TAPS
SUFFIX "A"

For horizontal mounting

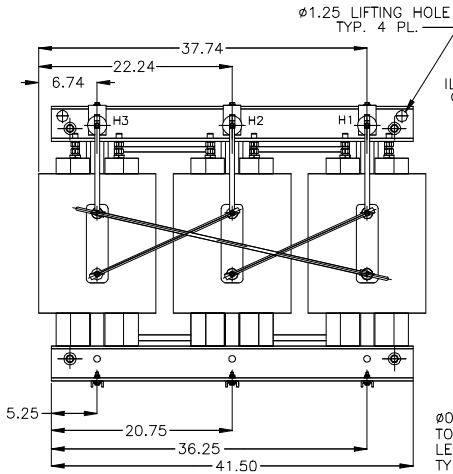
PRIMARY VOLTS	CONNECT
105%	1 - 2
102.5%	2 - 3
100%	3 - 4
97.5%	4 - 5
92.5%	5 - 6

2 ±2-1/2% PRIMARY TAPS
SUFFIX "B"

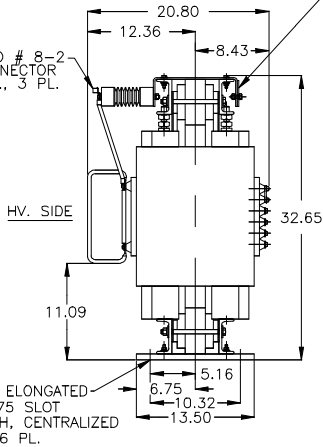


NOTE: HIGH VOLTAGE WIRE CONNECTION NOT SHOWN IN THIS VIEW.

NOTE: LV TERMINAL CONNECTOR NOT SHOWN IN THIS VIEW



ILSCO # 8-2
CONNECTOR
TYP., 3 PL.



Ø0.37 ELONGATED
TO 0.75 SLOT
LENGTH, CENTRALIZED
TYP., 6 PL.