

MODELS CPTD3-60-25 CPTD3-60-37.5 AND CPTD5-95-25/ CPTD5-95-37.5

Medium Voltage Control Power Transformers



Application

To provide control power in medium voltage switchgear.

Frequency

60 Hz.

Insulation Level

15 kV Class , 95 kV BIL

Thermal Rating

25 kVA at 30°C ambient.
21.5 kVA at 55°C ambient. 80°C rise.
37.5 kVA at 30°C ambient.
32.2 kVA at 55°C ambient. 80°C rise.

Characteristics

H.V. Terminals are 3/8-16 brass inserts.
L.V. Terminals are 1/2-13 brass studs.
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 650 lbs.



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Models CPTD3-60-25/CPTD5-95-25

Standard Typical Voltage - Consult Factory for Specials

CATALOG NUMBER	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	FUSE RATING
CPTD3-60-25-242**	2400V	20:1	120/240 V	25E
CPTD3-60-25-4161**	4160 V	34.7:1	120/240 V	15E
CPTD3-60-25-482**	4800 V	40:1	120/240 V	15E
CPTDS-95-25-722**	7200 V	60:1	120/240 V	10E
CPTDS-95-25-842**	8400 V	70:1	120/240 V	10E
CPTDS-95-25-123**	12000 V	100:1	120/240 V	7E
CPTDS-95-25-1242**	12470 V	104:1	120/240 V	7E
CPTDS-95-25-1322**	13200 V	110:1	120/240 V	7E
CPTDS-95-25-1382*	13800 V	115:1	120/240 V	7E
CPTDS-95-25-1442**	14400 V	120:1	120/240 V	7E

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

**For 1 $\pm$ 7 ½% taps use suffix "A" after Catalog No.

**For 2 $\pm$ 2 ½% taps use suffix "B" after Catalog No.

Models CPTD3-60-37.5/CPTD5-95-37.5

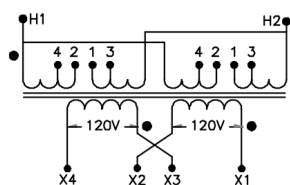
Standard Typical Voltage - Consult Factory for Specials

CATALOG NUMBER	PRIMARY VOLTAGE	RATIO	SECONDARY VOLTAGE	FUSE RATING
CPTD3-60-37.5-242**	2400 V	20:1	120/240 V	25E
CPTD3-60-37.5-4161**	4160 V	34.7:1	120/240 V	20E
CPTD3-60-37.5-482**	4800 V	40:1	120/240 V	20E
CPTDS-95-37.5-722**	7200 V	60:1	120/240 V	20E
CPTDS-95-3 7.5-842**	8400 V	70:1	120/240 V	20E
CPTDS-95-3 7.5-123**	12000 V	100:1	120/240 V	10E
CPTDS-95-3 7.5-1242**	12470 V	104:1	120/240 V	10E
CPTDS-95-3 7.5-1322**	13200 V	110:1	120/240 V	10E
CPTDS-95-37.5-1382**	13800 V	115:1	120/240 V	10E
CPTDS-95-3 7.5-1442**	14400 V	120:1	120/240 V	10E



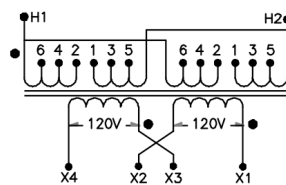
CPTD3-60-25/CPTD3-60-37.5/CPTD5-95-25/CPTD5-95-37.5

Connection Diagrams



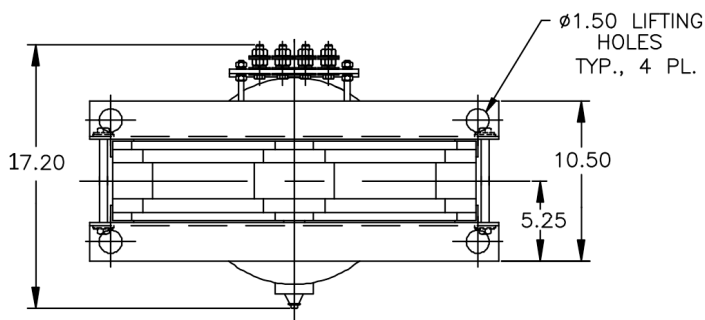
PRIMARY VOLTS	CONNECT
107.5%	1 - 2
100%	2 - 3
92.5%	3 - 4

1 $\pm 7-1/2\%$ 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 $\pm 2-1/2\%$ PRIMARY TAPS
SUFFIX "B"



L.V. TERMINALS FACING TERMINALS			
X1	X3	X2	X4
JUMPER CONNECTIONS TERMINALS #		VOLTAGE	
X1 - X3		120V	
X2 - X4		120V	
X2 - X3		240V	

LOAD CONNECTIONS X1 - X4

NOTE: LV TERMINAL CONNECTOR
NOT SHOWN IN THIS VIEW.

