

MODELS 3CPT3-60-30/ 3CPT5-95-30 AND 3CPT3-60-45/3CPT5-95-45

Control Power Transformer



Application

To provide control power in medium voltage switchgear.

Frequency

60 Hz.

Insulation Level

3CPT3: 5kV, 60 kV BIL full wave.

3CPT3: 15kV, 95 kV BIL full wave.

Thermal Rating

30 kVA at 30°C ambient.

25.7 kVA at 55°C ambient, 80°C rise.

45 kVA at 30°C ambient.

38.6 kVA at 55°C ambient, 80°C rise.

Primary terminals are copper compression type lugs.

Secondary terminals are brass studs 1/2-13 with one flatwasher, lockwasher and two regular nuts.

Windings are encapsulated in epoxy resin.

Mounting base is steel.

Assembly is varnish coated.

Supplied with taps on primary side:

Cat. suffix A (1) + 7 1/2% taps or

Cat. suffix B (2) + 2 1/2% taps

Secondary typically 208 Y/120 V.

Available as unfused only.

Vertical or horizontal mounting.

Mounting base and frame is 7 ga. (0.188"thk) steel with (8) 0.56 × 0.875 slots.

For indoor use.

Approximate weight 730 lbs.



461 Boston Street, Unit E6, Topsfield, MA 01983

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Models 3CPT3-60-30/3CPT5-95-30

**CATALOG NUMBER	PRIMARY VOLTAGE	SECONDARY VOLTAGE	*FUSE RATING
3CPT3-60-30-242**	2,400	208Y/120	20E
3CPT3-60-30-4161**	4,160	208Y/120	15E
3CPT3-60-30-482**	4,800	208Y/120	10E
3CPT5-95-30-722**	7,200	208Y/120	10E
3CPT5-95-30-842**	8,400	208Y/120	10E
3CPT5-95-30-123**	12,000	208Y/120	5E
3CPT5-95-30-1242**	12,470	208Y/120	5E
3CPT5-95-30-1322**	13,200	208Y/120	5E
3CPT5-95-30-1382**	13,800	208Y/120	5E

*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 3CPT3-60-45/3CPT5-95-45

**CATALOG NUMBER	PRIMARY VOLTAGE	SECONDARY VOLTAGE	*FUSE RATING
3CPT3-60-45-242**	2,400	208Y/120	25E
3CPT3-60-45-4161**	4,160	208Y/120	15E
3CPT3-60-45-482**	4,800	208Y/120	15E
3CPT5-95-45-722**	7,200	208Y/120	15E
3CPT5-95-45-842**	8,400	208Y/120	15E
3CPT5-95-45-123**	12,000	208Y/120	7E
3CPT5-95-45-1242**	12,470	208Y/120	7E
3CPT5-95-45-1322**	13,200	208Y/120	7E
3CPT5-95-45-1382**	13,800	208Y/120	7E



3CPT3-60-30 / 3CPT5-95-30 / 3CPT3-60-45 / 3CPT5-95-45

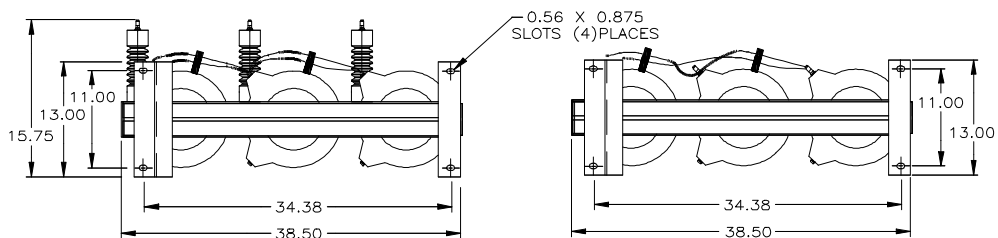
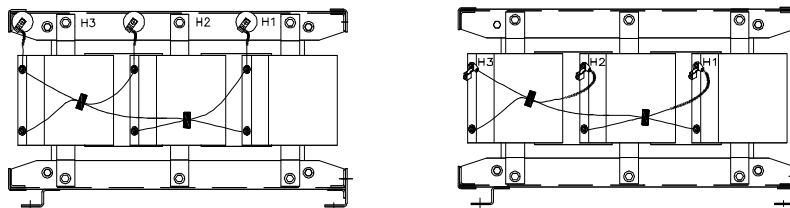
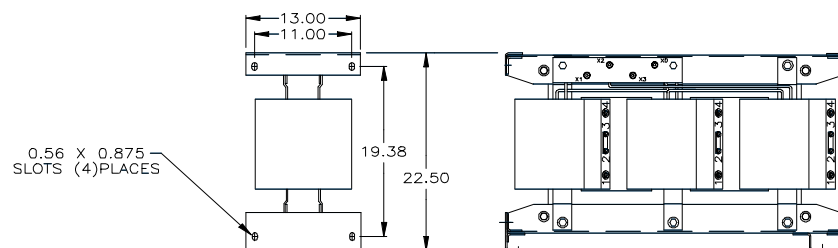
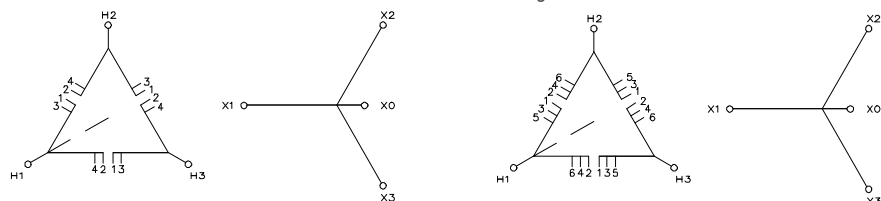
PRIMARY VOLTS	CONNECT
107.5%	1 - 2
100%	2 - 3
92.5%	3 - 4

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"

Horizontal or Vertical Mounting



Dimensions for 95kV BIL units

Dimensions for 60kV BIL units



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