

Square D™ Brand EX Low Voltage Distribution Transformers

Product Features

- Enclosure—Two new enclosure styles: K and J. See Figure 3.
 - Style K** units are designed with no top or rear ventilation and alcove tested with ½ in.(12.7 mm) clearance from the rear and sides. The front and rear panels are designed to attach to the cover, increasing the support strength of the tops. The base is vented and designed with a conduit entry and three locations for mounting a ground terminal bar.
 - Style J** units are designed with no rear ventilation and alcove tested at ½ in.(12.7 mm) clearance from the rear and sides. The front and rear panels are designed to attach to the cover via a u-shaped lip, increasing the support strength of the tops. The open design of the enclosure base includes three locations for mounting a ground terminal bar.

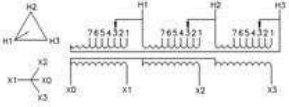
Both enclosures have mounting holes on the side allowing for the use of a floor mounting kit, to more easily bolt the unit to the floor.

Figure 3: Style K and J Enclosure

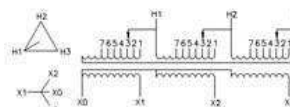


- Nameplate—Two nameplates are supplied with each unit (see Figure 4). One on the front cover which is required by standards, the second nameplate is attached to the core and coil, providing installation information inside the unit. The second nameplate also carries a UR listing for the core and coil, allowing the enclosure to be removed and the device installed in other equipment.

Figure 4: Sample Nameplates

 by Schneider Electric		ENERGY EFFICIENT LOW VOLTAGE DISTRIBUTION TRANSFORMER, DRY TYPE																												
CAT. NO. : EX75T3H STYLE NO. : EAV8550503 SERIAL NO. : Q2C Number DATE CODE : 1616		KVA : 75 PHASE : 3 FREQ. : 60 Hz % IZ : 5.83	PRI (H) VOLTS : 480D SEC (X) VOLTS : 208Y/120 PRI (H) AMPS : 90.2 SEC (X) AMPS : 208.2																											
WEIGHT : 638 LBS. TYPE : SO ENCL : 20K TYPE 1, TYPE 3R WHEN 7400WS20K INSTALLED TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, SECTION 450.9, AND UL 1561, MAINTAIN MINIMUM CLEARANCE OF 0.5 INCH TO WALL OR OTHER OBSTRUCTIONS.		INS CLASS : 220° C RISE : 150° C AMB : 40 ° C EFFICIENCY : 98.60% @ 35% LOAD & 75°C MEETS FINAL RULE U.S. 10 CFR 431 APR 2013																												
		<table><tr><th colspan="2">TAP POSITIONS</th><th>Primary</th></tr><tr><th>TAP</th><th>VOLTS</th><th></th></tr><tr><td>1</td><td>505</td><td></td></tr><tr><td>2</td><td>493</td><td></td></tr><tr><td>3</td><td>480</td><td></td></tr><tr><td>4</td><td>467</td><td></td></tr><tr><td>5</td><td>455</td><td></td></tr><tr><td>6</td><td>445</td><td></td></tr><tr><td>7</td><td>433</td><td></td></tr></table>		TAP POSITIONS		Primary	TAP	VOLTS		1	505		2	493		3	480		4	467		5	455		6	445		7	433	
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6	445																													
7	433																													
		POWER TRANSFORMER 127 H INS SYS. : 65 PDG220-1 MADE IN USA																												

Attached to the Front Cover

 SQUARE D by Schneider Electric ENERGY EFFICIENT LOW VOLTAGE DISTRIBUTION TRANSFORMER, DRY TYPE																														
CAT. NO. : EX75T3HOC STYLE NO. : EAV8550503 SERIAL NO. : Q2C Number DATE CODE : 1616		KVA : 75 PHASE : 3 FREQ. : 60 Hz % IZ : 5.83	PRI (H) VOLTS : 480D SEC (X) VOLTS 208Y/120 PRI (H) AMPS : 90.2 SEC (X) AMPS : 208.2																											
WEIGHT : 518 LBS. ENCL : NONE		TYPE : OS	INS CLASS : 220° C RISE : 150° C AMB : 40 ° C EFFICIENCY : 98.60% @ 35% LOAD & 75° C MEETS FINAL RULE U.S. 10 CFR 431 APR 2013																											
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Attached to the Core and Coil