

# Energy Efficient Transformers

## Three-Phase Transformers

**Table 6: 480 V Delta Primary to 480Y/277 V Secondary**

kVA	Part Number	Enclosure <sup>1</sup> (Refer to pages 16–27)	Wiring Diagram	Weight (lbs) Al	°C Rise	Primary Current			Secondary Current	
						Nameplate	NEC Max Rating 125%	NEC Max Rating 250%	Nameplate	NEC Max Rating 125%
15	EE15T1814H	17D	Figure 1 on page 28	220	150	18.0	25	45	18.0	25
30	EE30T1814H	17D		260	150	36.1	45	90	36.1	45
45	EE45T1814H	18D		320	150	54.2	70	125	54.2	70
75	EE75T1814H	20D		410	150	90.3	125	225	90.3	125
112.5	EE112T1814H	21D		620	150	135.5	175	300	135.5	175
150	EE150T1814H	22D		800	150	180.6	225	450	180.6	225
225	EE225T1814H	24D		1110	150	271.0	300	600	271.0	300
300	EE300T1814H	25D	Figure 2 on page 29	1359	150	361.3	450	900	361.3	450
500	EE500T76H	30D		1870	150	602.1	800	1500	602.1	800
750	EE750T76H	31D		3060	150	903.2	1000	2000	903.2	1000

<sup>1</sup> NEMA Type 2 drip-proof enclosure. Weathershields available to upgrade the enclosures to NEMA Type 3R (suitable for outdoor use). Standard transformers up through 75 kVA three-phase and 75 kVA single-phase can be mounted directly on wall via mounting brackets.

**Table 7: 208 V Delta Primary to 480Y/277 V Secondary**

kVA	Part Number	Enclosure <sup>1</sup> (Refer to pages 16–27)	Wiring Diagram	Weight (lbs) Al	°C Rise	Primary Current			Secondary Current	
						Nameplate	NEC Max Rating 125%	NEC Max Rating 250%	Nameplate	NEC Max Rating 125%
15	EE15T212H	17D	Figure 6 on page 31	220	150	41.7	60	100	18.0	25
30	EE30T212H	17D		260	150	83.4	110	200	36.1	45
45	EE45T212H	18D		320	150	125.1	175	300	54.2	70
75	EE75T212H	20D		410	150	208.4	275	500	90.3	125
112.5	EE112T212H	21D		620	150	312.6	400	700	135.5	175
150	EE150T212H	22D		800	150	416.9	600	1000	180.6	225
225	EE225T212H	24D		1110	150	625.3	800	1200	271.0	300
300	EE300T212H	25D		1359	150	833.7	1200	2000	361.3	450
500	EE500T212H	30D		1870	150		2000	3000	602.1	800
750	EE750T212H	31D		3060	150		3000	5000	903.2	1000

<sup>1</sup> NEMA Type 2 drip-proof enclosure. Weathershields available to upgrade the enclosures to NEMA Type 3R (suitable for outdoor use). Standard transformers up through 75 kVA three-phase and 75 kVA single-phase can be mounted directly on wall via mounting brackets.