

Primary and Secondary Fuse Recommendations for all Three Phase Transformers

Primary General Purpose Transformers					Secondary General Purpose Transformers				Primary Drive Isolation Transformers				Secondary Drive Isolation Transformers	
VA	208	240	480	600	208	240	380	480	VA	230	460	575	230	460
3K	12 (20)	9 (17.5)	5 (9)	4 (7)	12	9	6	5	7.5K	25 (45)	12 (20)	10 (17.5)	25	12
6K	25 (40)	20 (35)	9 (15)	8 (12)	25	20	12	9	11K	35 (60)	17.5 (30)	15 (25)	35	17.5
9K	35 (60)	30 (50)	15 (25)	12 (20)	35	30	18	15	14K	45 (85)	25 (40)	20 (35)	45	25
15K	60 (100)	50 (90)	25 (45)	20 (35)	60	50	30	25	20K	70 (125)	35 (60)	30 (50)	70	35
30K	110 (200)	100 (175)	50 (90)	40 (70)	110	100	60	50	27K	85 (150)	45 (80)	35 (60)	90	45
45K	175 (300)	150 (250)	70 (125)	60 (100)	175	150	90	70	34K	110 (200)	60 (100)	45 (80)	110	60
75K	300 (500)	250 (450)	125 (225)	100 (175)	300	250	150	125	40K	150 (250)	70 (125)	60 (100)	150	70
112.5K	400 (750)	350 (650)	175 (300)	150 (250)	400	350	225	175	51K	175 (300)	80 (150)	70 (150)	175	80
150K	600 (1000)	500 (900)	250 (450)	200 (350)	600	500	3900	250	63K	200 (350)	100 (175)	80 (150)	200	100
225K	--	--	350 (650)	300 (500)	800	700	450	350	75K	250 (450)	125 (225)	100 (175)	250	125
300K	--	--	500 (900)	400 (700)	1200	1000	600	500	93K	300 (500)	150 (250)	125 (225)	300	150
500K	--	--	800 (1500)	650 (1200)	1800	1600	1000	800	118K	400 (700)	200 (350)	150 (250)	400	200
									145K	500 (800)	250 (450)	200 (350)	500	250
									175K	--	300 (500)	225 (400)	600	300
									220K	--	350 (650)	300 (500)	700	350
									275K	--	450 (850)	350 (600)	900	450
									330K	--	600 (1000)	450 (800)	1200	600
									440K	--	700 (1350)	600 (1000)	1400	700

Fuse = I*125% next size higher if primary current is 9 Amp or higher. No secondary fusing required.
 (Fuse) = (I*250%) next size smaller if primary current is 9 Amps. or higher. Secondary fusing is required. See chart for size.

OUTPUT FUSE = 1*125% next size higher if secondary current is 9 Amps or higher. Recommended fuse size per NEC450.3[B] and commercially available fuse types.