



NEMA 1PH STARTER SIZES & VOLTS **GUIDE**

TECHNICAL INFORMATION EDUCATION SERIES



NEMA SIZE STARTERS FOR SINGLE-PHASE MOTORS

SIZE OF CONTROLLER	CONTINUOUS CURRENT RATING (AMPERES)	HORSEPOWER	
		AT 115V	AT 230V
00	9	1/3	1
0	18	1	2
1	27	2	3
1P	36	3	5
2	45	3	7 1/2
3	90	7 1/2	15

Reference: NEMA ICS2-1993, Table 2-4-2.

DERATING FACTORS FOR CONDUCTORS IN A CONDUIT (PAGES 70 - 72)

NUMBER OF CURRENT CARRYING CONDUCTORS	PERCENT OF VALUES IN TABLES AS ADJUSTED FOR TEMPERATURE IF NECESSARY
4-6	80
7-9	70
10-20	50
21-30	45
31-40	40
41 & Above	35

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