

Product Selection

When ordering, specify Catalog Numbers according to the following stipulations:

A302 MMPs are selected based on the overload current range required for a given motor. This current range is determined from the motor Full Load Ampere rating and Motor Service Factor usually found on the motor nameplate.

For motors with service factors less than 1.15, multiply the motor FLA by .9 to select appropriate A302 MMP. Example: For motor having FLA of 6.4A and service factor of 1.0 (6.4A x .9 = 5.76A) select Catalog Number **A302JN**.

For motor with service factor of 1.15 or greater, use motor nameplate Full Load Amperes to select the appropriate MMP. Example: For motor having FLA of 6.4A and service factor of 1.15, select Catalog Number **A302KN**.

Table 34-382. Product Selection — Type A302 Manual Motor Protector

Adjustable Thermal Current Range (Amperes)	Maximum Single-Phase Horsepower ① ②			Maximum 3-Phase Horsepower ②				Group Motor Applications 480V Maximum Maximum Fuse or Circuit Breaker Amperes	Catalog Number	Price U.S. \$
	115V	200V	230V	200V	230V	460V	575V			
.10 – .16	—	—	—	—	—	—	—	1200	A302AN	
.16 – .25	—	—	—	—	—	—	—	1200	A302BN	
.25 – .4	—	—	—	—	—	—	—	1200	A302CN	
.40 – .63	—	—	—	—	—	—	—	1200	A302DN	
.63 – 1.0	—	—	—	—	—	1/2	1/2	1200	A302EN	
1.0 – 1.6	—	—	1/10	—	—	3/4	1	1200	A302FN	
1.6 – 2.5	—	1/8	1/6	1/2	1/2	1	1-1/2	1200	A302GN	
2.5 – 4.0	1/8	1/4	1/3	3/4	1	2	3	1200	A302HN	
4.0 – 6.3	1/4	1/2	1/2	1-1/2	1-1/2	3	5	1200	A302JN	
6.3 – 10.0	1/2	1	1-1/2	2	3	5	7-1/2	1200	A302KN	
10.0 – 16.0	1	2	2	3	5	10	10	1200	A302LN	
16.0 – 20.0	1-1/2	3	3	5	—	—	15	1200	A302MN	
20.0 – 25.0	2	—	—	—	7-1/2	15	20	1200	A302NN	

① Single-phase horsepower ratings are based on wiring the three MMP poles in series.

② Select MMP by full load amperes. Horsepower ratings are for reference only.