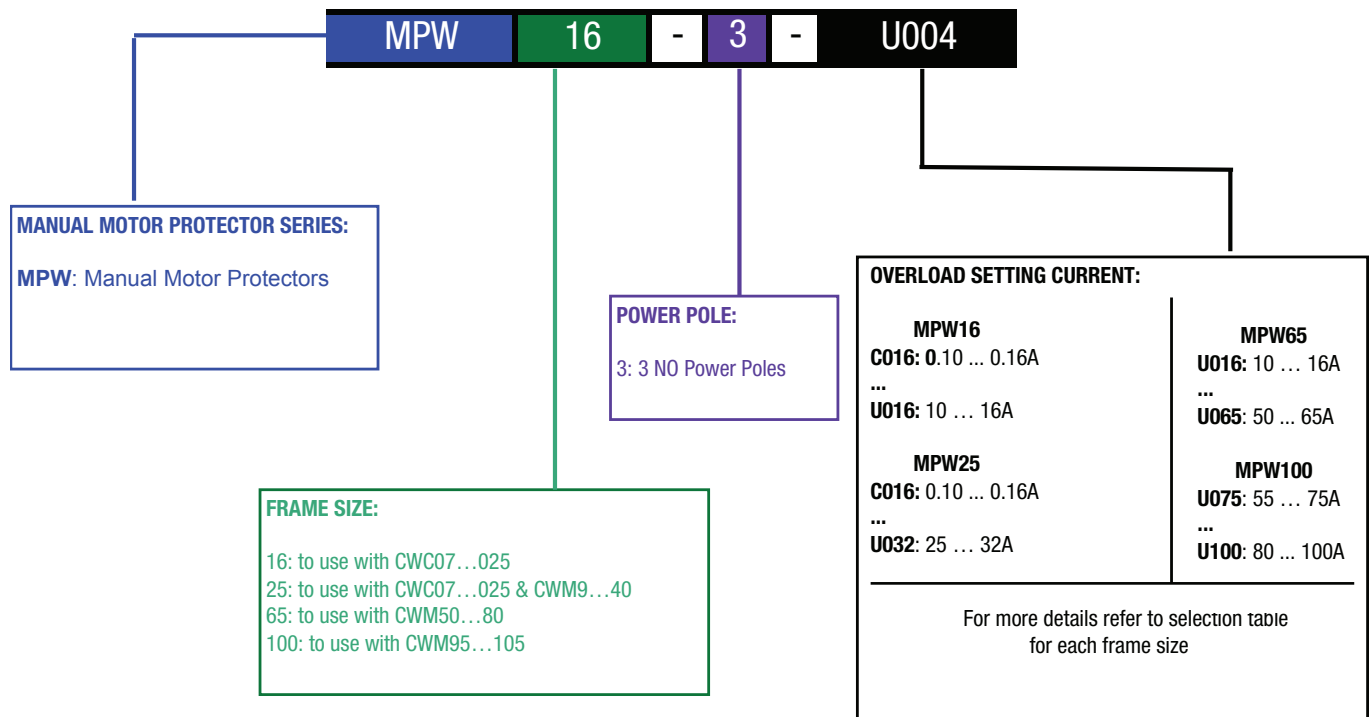




Controls Manual Motor Protectors - MPW Series

Catalog part number composition






Controls

Manual Motor Protectors - Overview

All functions in just one component:

- Disconnect means
- Short circuit protection
- Motor control
- Overload protection

		MPW16	MPW25	
				
General Technical Data	Maximum Rated Current $I_{max} I_u$ (I)	16A	32A	
	Maximum Horsepower rating at 460Vac 60Hz	10Hp	20Hp	
	Number of poles	3	3	
	Short-Circuit release	13 x I_u max	12 x I_u max	
	Rated Operational Voltage U_e	600V	600V	
	Rated Frequency	50/60Hz	50/60Hz	
	Tripping Test	Yes	Yes	
	Overload Protection	Yes	Yes	
	Phase failure sensitivity	Yes	Yes	
	Tripping Indication	Yes	Yes	
	Tripping Class	10	10	
	Mechanical life	Number of operations	100,000	100,000
	Electrical life	Number of operations	100,000	100,000
	Temperature compensation		-4...+140°F	-4...+140°F
	Type of protection		Thermomagnetic	Thermomagnetic
	Overload setting  I_r (A)		Catalog number	Catalog number
0.1...0.16		MPW16-3-C016	MPW25-3-C016	
0.16...0.25		MPW16-3-C025	MPW25-3-C025	
0.25...0.4		MPW16-3-D004	MPW25-3-D004	
0.4...0.63		MPW16-3-C063	MPW25-3-C063	
0.63...1		MPW16-3-U001	MPW25-3-U001	
1...1.6		MPW16-3-D016	MPW25-3-D016	
1.6...2.5		MPW16-3-D025	MPW25-3-D025	
2.5...4		MPW16-3-U004	MPW25-3-U004	
4...6.3		MPW16-3-D063	MPW25-3-D063	
6.3...10		MPW16-3-U010	MPW25-3-U010	
10...16		MPW16-3-U016	MPW25-3-U016	
16...20		-	MPW25-3-U020	
20...25			MPW25-3-U025	
25...32			MPW25-3-U032	
32...40				
40...50				
50...65				
55...75				
70...90				
80...100				

CONTROLS






Controls

Manual Motor Protectors - Overview

Designed for DIN rail mounting, lugs for direct panel mounting are also available as accessory.

MPW Manual Motor Protectors are available in four models: MPW16/MPW25 (45mm), MPW65 (54mm) and MPW100 (70mm) and designed for use according to international standards, making them suitable for applications all over the world.

		MPW65	MPW100	
				
General Technical Data	Maximum Rated Current $I_{max} (I_u)$	65A	100A	
	Maximum Horsepower rating at 460Vac 60Hz	50Hp	75Hp	
	Number of poles	3	3	
	Short-Circuit release	$13 \times I_u \text{ max}$	$13 \times I_u \text{ max}$	
	Rated Operational Voltage U_e	600V	600V	
	Rated Frequency	50/60Hz	50/60Hz	
	Tripping Test	Yes	Yes	
	Overload Protection	Yes	Yes	
	Phase failure sensitivity	Yes	Yes	
	Tripping Indication	Yes	Yes	
	Tripping Class	10	10	
	Mechanical life	Number of operations	50,000	50,000
	Electrical life	Number of operations	25,000	25,000
	Temperature compensation		-4...+140°F	-4...+140°F
	Type of protection		Thermomagnetic	Thermomagnetic
Overload Fitting  $I_r(A)$		Catalog Number	Catalog Number	
0.1...0.16				
0.16...0.25				
0.25...0.4				
0.4...0.63				
0.63...1				
1...1.6				
1.6...2.5				
2.5...4				
4...6.3				
6.3...10				
10...16				MPW65-3-U016
16...20				MPW65-3-U020
20...25				MPW65-3-U025
25...32				MPW65-3-U032
32...40				MPW65-3-U040
40...50		MPW65-3-U050		
50...65		MPW65-3-U065		
55...75			MPW100-3-U075	
70...90			MPW100-3-U090	
80...100			MPW100-3-U100	