

Technical Specifications - Mechanical Interlock

Listings

UL 508 - Industrial control equipment, manual motor controller
 CSA Certified C22.2 No. 14
 Complies with UL 50, UL 746C and IEC 60309
 Configuration meets UL 1686
 IP67 suitability

Materials

Enclosure base	Valox®
Enclosure cover	Valox®
Handle	Valox®
Enclosure gasket	Neoprene
Enclosure screws	Valox®
Hinge pins	Stainless steel
Hinge spring	Stainless steel
Conduit hub	Zinc
Ground plate	Galvanized steel
Cover gasket	Neoprene

Performance

Electrical	
Dielectric voltage withstand	3,000 volts min.
Max. working voltage	600 Volts RMS
Current interrupting	Certified for current interrupting at full rated current and voltage
Short circuit withstand rating	Suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes at the voltage rating of the receptacle (30, 60, 100A)
Operations	Mechanical - 10,000 cycles Electrical - 6,000 cycles
Mechanical	
Impact resistance	In accordance with UL 746C
Terminal identification	In accordance with UL, CSA and international conventions
Product identification	Identification and ratings are part of the external label
Environmental	
Moisture resistance	Outdoor - 4x (watertight, washdown) IP67, indoor 12 (dust-tight, falling dirt and non-corrosive liquids)
Flammability	UL94-5V and VO classification
Operating temperature	Max. continuous +60° C, Min. continuous -40° C
UV resistance	All exposed materials are UV stabilized

Horsepower Ratings

Catalog Number	Amps	Rating	Horsepower
420SMI9W	20	240V AC 3Ø	5
420SMI7W	20	480V AC 3Ø	10
420SMI5W	20	600V AC 3Ø	15
330SMI4W	30	120V AC	2
330SMI6W	30	240V AC	3
330SMI7W	30	480V AC	7.5
430SMI9W	30	240V AC 3Ø	7.5
430SMI7W	30	480V AC 3Ø	15
430SMI5W	30	600V AC 3Ø	20
530SMI9W	30	120/208V AC 3ØY	5
530SMI7W	30	277/480V AC 3ØY	15
432SMI3W	32	380V AC 3Ø 50 Hz 440V AC 3Ø 60Hz	15 (440V AC 3Ø 60 Hz)

Catalog Number	Amps	Rating	Horsepower
360SMI4W	60	120V AC	3
360SMI6W	60	240V AC	7.5
360SMI7W	60	480V AC	20
460SMI9W	60	240V AC 3Ø	15
460SMI7W	60	480V AC 3Ø	30
460SMI5W	60	600V AC 3Ø	40
560SMI9W	60	120/208V AC 3ØY	15
560SMI7W	60	277/480V AC 3ØY	30
560SMI5W	60	347/600V AC 3ØY	40
3100SMI6W	100	240V AC	15
4100SMI9W	100	240V AC 3Ø	25
4100SMI7W	100	480V AC 3Ø	40
4100SMI5W	100	600V AC 3Ø	50
5100SMI9W	100	120/208V AC 3ØY	20

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