

Technical Specifications Watertight Pin & Sleeve Non-Fusible Mechanical Interlock

20, 30, 60 & 100A

Typical Specifications

Manufacturer's Identification: Pass & Seymour/Legrand PS560MIR5W
 Description: Non-Fusible Pin & Sleeve Mechanical Interlock
 Electrical Type: 3 Pole + Neutral + Earth
 Rating: 60A, 3ø, 600VAC 15 HP standard, 40 HP maximum
 Configuration: IEC Clock Position 5
 Enclosure Type: NEMA 4X (watertight, hosedown), 12K (dusttight, falling dirt), IP67 suitability
 Conduit Location: Top or bottom feed. Unit shipped with no holes drilled; a top and bottom feed spot drill is provided for locating hole saw or knockout. End user decides at installation whether top or bottom feed is appropriate. No closure plug kits required.

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
20	□ PS420MIR12W	120/240VAC	1 HP @ 120V 2 HP @ 208-240V L-L
20	□ PS420MIR9W	3ø 240VAC	5
20	□ PS420MIR7W	3ø 480VAC	10
20	□ PS420MIR5W	3ø 600VAC	15

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
30	□ PS330MIR4W	120VAC	2
30	□ PS430MIR12W	120/250VAC	2 @ 120V 3 @ 208-240V L-L
30	□ PS430MIR9W	3ø 240VAC	7.5
30	□ PS430MIR7W	3ø 480VAC	15
30	□ PS430MIR5W	3ø 600VAC	20
30	□ PS430MIR3W	3øY 380/440VAC	15
30	□ PS530MIR9W	3øY 120/208VAC	5
30	□ PS530MIR7W	3øY 277/480VAC	15
30	□ PS530MIR5W	3øY 347/600	20

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
60	□ PS360MIR6W	240VAC	7.5 @ 208-240V
60	□ PS360MIR7W	480VAC	
60	□ PS460MIR12W	120/240VAC	3 @ 120V 7.5 @ 208-240VAC L-L
60	□ PS460MIR9W	3ø 240VAC	15
60	□ PS460MIR7W	3ø 480VAC	30
60	□ PS460MIR5W	3ø 600VAC	40
60	□ PS560MIR9W	3øY 120/208VAC	15
60	□ PS560MIR7W	3øY 277/480VAC	30
60	□ PS560MIR5W	3øY 347/600VAC	40

Amps	Catalog Number	Voltage/Color Coding	Horsepower Rating
100	□ PS3100MIR6W	240VAC	10 @ 208V 15 @ 240V
100	□ PS3100MIR7W	480VAC	30
100	□ PS4100MIR5W	3ø 600VAC	50
100	□ PS4100MIR7W	3ø 480VAC	50
100	□ PS4100MIR9W	3ø 240VAC	25
100	□ PS4100MIR12W	120/240VAC	5 @ 120V 10 @ 208V L-L 15 @ 240V L-L
100	□ PS5100MIR5W	3øY 347/600VAC	50
100	□ PS5100MIR7W	3øY 277/480VAC	50
100	□ PS5100MIR9W	3øY 120/208VAC	20



Project
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Pass & Seymour



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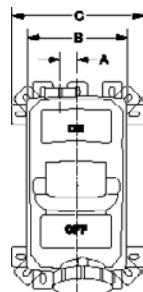
Materials	
Enclosure Cover	Valox 357®
Enclosure Base	Valox 357®
Enclosure Gasket	Neoprene
Switch Handle	Valox 357®
Switch Handle Seal	Neoprene
Shaft	Brass
Gear Mechanism	1/8" Zinc-Plated Steel
Locktab	10% Glass-Filled Nylon
Switch Key	10% Glass-Filled Nylon
Mounting Feet	Valox 357®
Mounting Feet Screws	300 Series Stainless Steel
Enclosure Assembly Screws	300 Series Stainless Steel
Enclosure Assembly Inserts	Brass
Receptacle Lid	Valox 357®
Receptacle Gasketing	Neoprene
Receptacle Lid Hinge Spring	300 Series Stainless Steel
Receptacle Contact Carrier	Polyamide 6
Receptacle Sleeves	Brass/Nickel-Plate
Receptacle Terminal Screws	Zinc-Plated Steel
Grounding Plate	Zinc-Plated Steel
Cover Chain	300 Series Stainless Steel
Conduit Hub	Aluminum/Zinc 20/30 amp shipped with one (1) 1" 60 amp shipped with one (1) 1¼" 100 amp shipped with one (1) 1½" (will also fit a 2" hub, not provided)

Performance	
Electrical	
Dielectric Voltage Withstand	3000V minimum
Maximum Working Voltage	600V RMS
Current Interrupting	Listed for current interrupting at full-rated current and voltage
Short Circuit Withstand Rating	For use on circuit capable of delivering not more than 10,000 RMS amps at receptacle voltage rating
Operations	Mechanical: 15,000 cycles Electrical: 10,000 cycles
Auxiliary Contacts	10A @ 600V 1 N.O. & 1 N.C.
Mechanical	
Impact Resistance	Per UL746C
Terminal Identification	Per UL, CSA, and IEC specifications
Product Identification	Identification and rating on external and internal labels
Mounting	External adjustable feet with five (5) positions. Can be mounted directly to channel or strut (no washer required)
Environmental	
Moisture Resistance	Per UL50, section 35, NEMA Enclosure Type 4X (watertight, hosedown) Per UL50, section 35, NEMA Enclosure Type 12K (dusttight, falling dirt) IP67 suitability
Flammability	UL94 5VA and VO Classification
Operating Temperature	Maximum continuous: +60°C Minimum continuous: -50°C without impact
UV Resistance	All enclosure materials are UV stable

Non-Fusible Mechanical Interlock Dimensions

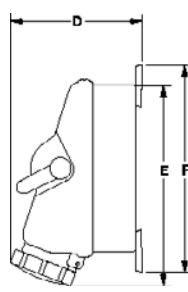
Amps	A	B	C	D	E	F	G	H	I	J	K	L
20	1.38	6.88	9.13	8.00	12.38	11.06	4.75	6.88	7.75	8.00	10.13	11.00
30	1.38	6.88	9.13	8.25	12.38	11.50	4.75	6.88	7.75	8.00	10.13	11.00
60	1.19	6.88	9.13	9.00	13.63	14.13	4.75	6.88	7.75	9.75	11.88	12.75
100	1.19	6.88	9.13	9.50	14.13	14.13	4.75	6.88	7.75	9.75	11.88	12.75

All measurements shown in inches.

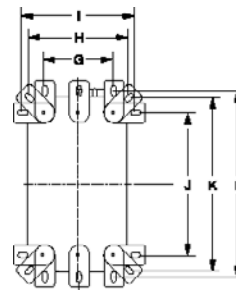


(See dimensions above.)

Front



Side



Back

Project
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