

# Power Dynamics Inc.

## Advance-GRP Mechanical Interlock

20A 30A 60A 



-40°F to 140°F

Impact Resistant

Chemical Resistant

IK10(20J) Rated

UV Resistant

Laser etched markings

High impact and heat resistant  
Technopolimer Handle with  
lockout/tagout

Laser etched On/Off  
markings

On/Off LED

High impact heat resistant Lid

Virtually indestructable  
**Glass-fiber Reinforced Polyester**  
thermoset material

IP67, IP69, 3R, 4X Waterproof

Durable recessed mounting  
holes. No clumsy feet!

Captive spring loaded  
Stainless Steel screws



P/N SCM430MI7W

Power Dynamics, Inc.

7 E Frederick Pl, Ste 100

Cedar Knolls, NJ 07927

www.powerdynamics.com

Phone: 973-560-0019

e-mail: sales@powerdynamics.com



# Power Dynamics Inc.


## Advance-GRP Mechanical Interlock

20A 30A 60A 

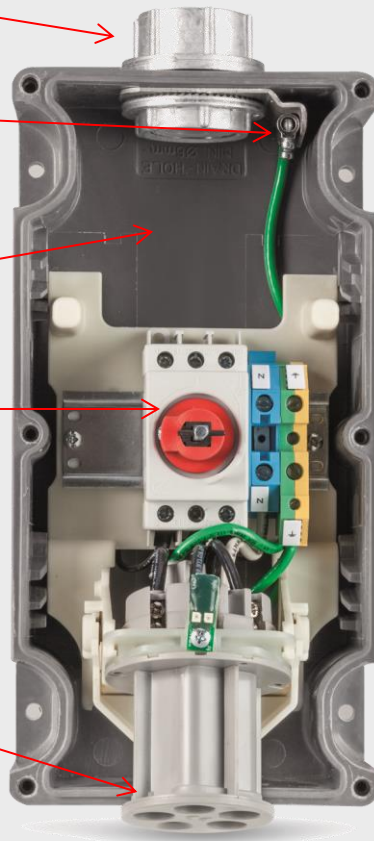
Optional  
Watertight Hub  
(Top, Rear, Bottom entry)

Pre-wired  
Grounding Plate

Ample wiring  
room

 508 Motor  
Disconnect with  
increased HP

High heat resistant  
Pin & Sleeve receptacle



Single-piece water  
proof gasket

Laser etched  
safety &  
instructions

Dual mechanical interlock  
for increased safety.  
Prevents making and  
breaking under load.

Power Dynamics, Inc.  
7 E Frederick Pl, Ste 100 Phone: 973-560-0019  
Cedar Knolls, NJ 07927  
www.powerdynamics.com e-mail: sales@powerdynamics.com





# Power Dynamics Inc.

## Advance-GRP Mechanical Interlock

### 20A Configurations



Current	Configuration	Hour position	Voltage	Part Number*
20A	2 Pole, 3 Wire	4	125	SCM320MI4W
		6	250	SCM320MI6W
		7	480	SCM320MI7W
	3 Pole, 4 Wire	12	125/250	SCM420MI12W
		6	380-415VAC	SCM420MI6W
		9	3Ø250	SCM420MI9W
		7	3Ø480	SCM420MI7W
		5	3Ø600	SCM420MI5W
	4 Pole, 5 Wire	6	200/346V AC 240/415V AC	SCM520MI6W
		9	3ØY120/208	SCM520MI9W
		7	3ØY277/480	SCM520MI7W
		5	3ØY347/600	SCM520MI5W

\* add suffix -NB to order without base (for wall plate mounting)

Power Dynamics, Inc.  
 7 E Frederick Pl, Ste 100 Phone: 973-560-0019  
 Cedar Knolls, NJ 07927  
 www.powerdynamics.com e-mail: sales@powerdynamics.com





# Power Dynamics Inc.

## Advance-GRP Mechanical Interlock

### 30A Configurations



Current	Configuration	Hour position	Voltage	Part Number*
30 A	2 Pole, 3 Wire	4	125	SCM330MI4W
		6	250	SCM330MI6W
		7	480	SCM330MI7W
	3 Pole, 4 Wire	12	125/250	SCM430MI12W
		6	380-415VAC	SCM430MI6W
		3 (32A for referer)	380V 50Hz 440V 60Hz	SCM432MI3W
		9	3Ø250	SCM430MI9W
		7	3Ø480	SCM430MI7W
		5	3Ø600	SCM430MI5W
		4 Pole, 5 Wire	6	200/346V AC 240/415V AC
	9		3ØY120/208	SCM530MI9W
	7		3ØY277/480	SCM530MI7W
	5		3ØY347/600	SCM530MI5W

\* add suffix -NB to order without base (for wall plate mounting)

Power Dynamics, Inc.

7 E Frederick Pl, Ste 100

Cedar Knolls, NJ 07927

www.powerdynamics.com

Phone: 973-560-0019

e-mail: sales@powerdynamics.com





# Power Dynamics Inc.

**Advance-GRP Mechanical Interlock**

**60A Configurations** 

<b>Current</b>	<b>Configuration</b>	<b>Hour position</b>	<b>Voltage</b>	<b>Part Number*</b>
60 A	2 Pole, 3 Wire	6	250	SCM360MI6W
		7	480	SCM360MI7W
	3 Pole, 4 Wire	12	125/250	SCM460MI12W
		6	200/346V AC 240/415V AC	SCM460MI6W
		9	3Ø250	SCM460MI9W
		7	3Ø480	SCM460MI7W
		5	3Ø600	SCM460MI5W
	4 Pole, 5 Wire	6	200/346V AC 240/415V AC	SCM560MI6W
		9	3ØY120/208	SCM560MI9W
		7	3ØY277/480	SCM560MI7W
		5	3ØY347/600	SCM560MI5W

\* add suffix -NB to order without base (for wall plate mounting)

Power Dynamics, Inc.  
 7 E Frederick Pl, Ste 100 Phone: 973-560-0019  
 Cedar Knolls, NJ 07927  
 www.powerdynamics.com e-mail: sales@powerdynamics.com

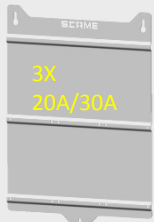


# Power Dynamics Inc.

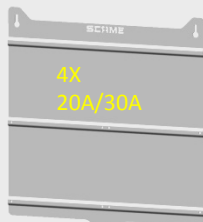
## Advance-GRP Mechanical Interlock Modular Wall Mount Solutions



### 1. Select Wall Mount



579.0030



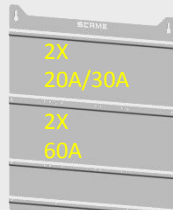
579.0040



579.0021



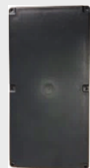
579.0031



579.0022

#### Accessory

Blank Cover for 20/30A Base



579.5001

Power Dynamics, Inc.  
7 E Frederick Pl, Ste 100  
Cedar Knolls, NJ 07927  
www.powerdynamics.com

Phone: 973-560-0019  
e-mail: sales@powerdynamics.com

### 2. Select GRP & Base (example)

20A  
3Ø480V



SCM420MI7W-NB

+



579.5111



579.5120

30A  
3Ø480V



SCM430MI7W-NB

+



579.5111



579.5120

60A  
3Ø480V



SCM460MI7W-NB

+



579.5211

### 3. Endless Options



# Power Dynamics Inc.

**Advance-GRP Mechanical Interlock**

**Pre-Assembled  
Stainless Steel Stanchions**

**Also Available in 20A 30A & 60A Custom Configurations**

**Lower  
Total Cost  
of Installation!**



### **P/N SW2388**

- Single IP67/69, 4X 30A /480V Switched Mechanical Interlock with on/off LED
- T304 Stainless Steel
- 20A NEMA GFCI with rain-tight in use cover
- Pre-assembled with watertight conduit hub



### **P/N SW2389**

- Two IP67/69, 4X 30A /480V Switched Mechanical Interlocks with on/off LED
- T304 Stainless Steel
- 20A NEMA GFCI with rain-tight in use cover
- Pre-assembled with watertight conduit hub



### **P/N SW2391**

- Three IP67/69, 4X 30A /480V Switched Mechanical Interlocks with on/off LED
- T304 Stainless Steel
- 20A NEMA GFCI with rain-tight in use cover
- Pre-assembled with watertight conduit hub

Power Dynamics, Inc.

7 E Frederick Pl, Ste 100  
Cedar Knolls, NJ 07927

[www.powerdynamics.com](http://www.powerdynamics.com)

Phone: 973-560-0019

e-mail: [sales@powerdynamics.com](mailto:sales@powerdynamics.com)

