

Motor Disconnect Switches and Specialty Enclosures

Product information

Non-Metallic
or
Stainless Steel.



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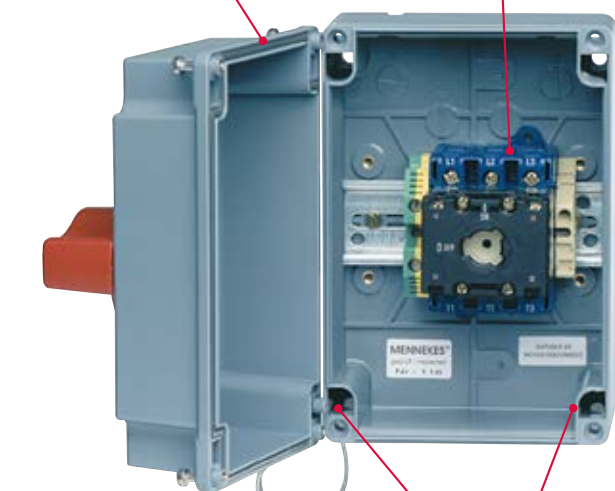
MENNEKES® offers a full line of both Non-Metallic and Stainless Steel Disconnect Switches.

Units range from 20 Amp - 200 Amp and are rated up to 150 HP @ 480 Vac. Several enclosure sizes and styles are available to maximize installation and design options.

Poured-in-place gasket never pulls out for a long lasting NEMA 4X seal.

HP rated disconnect switch with top profile auxiliary contacts for VFD Interface. DIN rail mounting facilitates installation and service requirements.

Impact modified enclosure is resistant to many chemicals and made with UL 94 V-O flame retardant materials.



Unit shown:
ME 30MS1A-M2

Shown with optional cover retaining strap.

Mounting tubes minimize footprint; mounting feet are not required.



Rugged handle clearly indicates ON/OFF status & complies with OSHA LO/TO regulations.

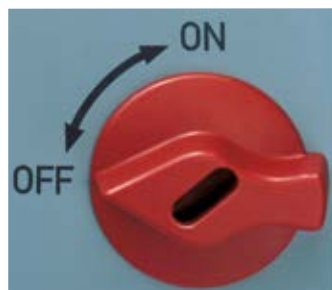
Captive stainless steel fixing screws.

Hidden Hinge System



Available on MS2A enclosure.

High Visibility Handle



Clean design does not "puddle" or hold particles.

Model with Installed Control Switch



Disconnects with 3-position selector switch are factory stocked.

Motor Disconnect Switches and Specialty Enclosures

HDI Series ■ Non-Fusible ■ 20 & 200 Amp; NEMA 4X; 12



Rated Current 600V max.	HP Ratings			Catalog No. (with aux. contacts)	With Installed 3 Position Selector Switch
	3Ø240V	3Ø480V	3Ø600V		
Standard Enclosure					
25A	3	5	5	ME 20MS1A-M2	ME 20MS4A-M2PSX
30A	7.5	15	15	ME 30MS1A-M2	-
30A	5	10	10	ME 32MS1A-M2	ME 30MS4A-M2PSX
40A	10	20	20	ME 40MS1A-M2	-
Large Enclosure					
25A	3	5	5	ME 20MS2A-M2	ME 20MS2A-M2PSX
30A	7.5	15	15	ME 30MS2A-M2	ME 30MS2A-M2PSX
40A	10	20	20	ME 40MS2A-M2	ME 40MS2A-M2PSX
80A	20	40	40	ME 80MS2A-M2	ME 80MS2A-M2PSX
100A	25	50	50	ME 100MS2A-M2	ME 100MS2A-M2PSX
125A	40	75	100	ME 125MS3A-M2	-
200A	75	150	200	ME 200MS6A-M2	-
6 Pole Disconnects					
30A	7.5		15	ME 306MS2A-M2	
60A	10		20	ME 606MS2A-M2	
80A	20		40	ME 806MS3A-M2	

Auxiliary Contacts - 10 A@ 600 Vac 1 N/O & 1 N/C

Compliances and Performance:

- "Suitable as Motor Disconnect" per 2002 NEC Article 430-109(a)(6)
- Standard 508
- to CSA 22.2 No. 14-M95
- Environmental: NEMA Type 4X; 12
- Flame Rating: UL 94-5VA and VO
- UV Stabilized Material
- SCCR - 65kA RMS Symmetrical when protected with equally sized Class J Fuse

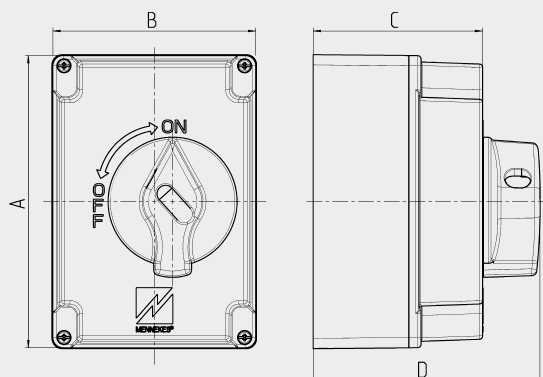
Field mountable auxiliary contact

1 N/O & 1 N/C

For models with max. HP	Catalog No.
5 hp & 10 hp	ME 20AUX
15 hp & 20 hp	ME 30AUX
40 hp & 50 hp	ME 80AUX
100 hp	ME 125AUX

Replacement Switches

Ratings	Catalog No.
5 hp	ME 20XMS1-M2
10 hp	ME 32XMS1-M2
15 hp	ME 30XMS1-M2
20 hp	ME 40XMS2-M2
40 hp	ME 80XMS2-M2
50 hp	ME 100XMS2-M2
75 hp	ME 125XMS3-M2



Approximate Dimensions (in inches)

	MS1A/MS4A	MS2A
A	6.69	10.31
B	4.63	6.56
C	3.81	5.03
D	5.23	6.25

For other enclosure sizes consult factory

Motor Disconnect Switches and Specialty Enclosures

ST Stainless Steel Series ■ Non-Fusible ■ 20, 30, 60 & 100 Amp; NEMA 4X; 12



Ampere Rating (General Purpose)	HP Ratings				Catalog No. (with aux. contacts)	Replacement Switch Block (includes handle)
	240V		480/600V			
	1Ø	3Ø	1Ø	3Ø		
Standard Enclosure (ST1A) - Switch is mounted to hinged door.						
30A	2.5	5	5	10	ME 30ST1A-M2	ME 30XST1-M2
Large Enclosure (ST2A) - Switch block is mounted to DIN Rail. Interlocked hinged door.						
25A	1.5	3	3	5	ME 20ST2A-M2	ME 20XST2-M2
30A	3	7.5	7.5	15	ME 30ST2A-M2	ME 30XST2-M2
60A	5	10	10	20	ME 60ST2A-M2	ME 60XST2-M2
X-Large Enclosure (ST3A) - Switch block is mounted to DIN Rail. Interlocked hinged door.						
100A	15	25	30	50	ME 100ST3A-M2	ME 100XST3-M2
6 Pole Disconnects.						
30A	2.5	5	5	10	ME 306ST2A-M2	
6 Pole Double Throw Disconnects.						
30A	2.5	5	5	10	ME 306ST3A-M4AB	
60A	5	10	10	20	ME 606ST3A-M4AB	

Auxiliary Contacts - 10A @ 600 Vac 1 N/O & 1 N/C

Consult factory for units rated greater than 100A and 50 hp max.

Compliances and Performance:

- Standard 508
- Environmental: NEMA Type 4X; 12
- UV Resistance: Handle Material is UV Stabilized
- In-House Endurance Testing: 10,000 Electrical Cycles / 100,000 Mechanical Cycles
- SCCR - 65kA RMS Symmetrical when protected with equally sized Class J Fuse

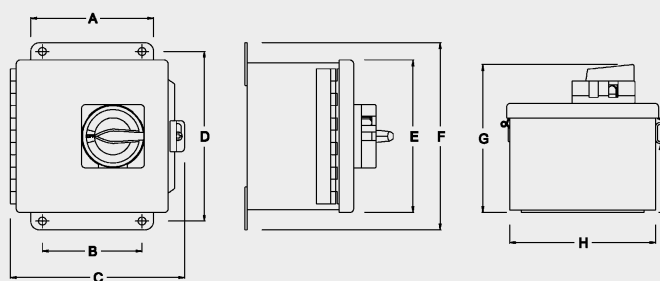
Field mountable auxiliary contact blocks

10A @ 600 VAC 1 N/O & 1 N/C

For models with max. HP	Catalog No.
5 hp	ME 20AUX
10 hp	ME 30FSAUX
15 hp & 20 hp	ME 30AUX
50 hp	ME 80AUX

Replacement handles

Description	Catalog No.
ST1A Model	ME ST1A-RH
ST2A/ST3A Models	ME ST2A-RH



Approximate Dimensions (in inches)

	ST1A	ST2A	ST3A
A	3.00	5.00	7.00
B	2.00	4.00	6.00
C	4.94	6.94	8.94
D	6.75	6.75	10.75
E	6.00	6.00	10.00
F	7.50	7.50	11.50
G	5.95	5.95	5.95
H	4.00	6.00	8.00
I	4.35	4.35	4.35