

MOTOR STARTER | Manual Starting Switches**AC Manual Motor Starting Switches****Features and Benefits****Motor Starting Switches**

- All molded parts are thermoplastic to resist impacts, chemicals, temperature, tracking and arcing
- 30 Amp and 40 Amp switches are listed suitable as motor disconnect when protected by a 30 Amp time-delay fuse
- Positive-contact design and cam-driven mechanism enhances fast-make/slow-break
- Silver-alloy contacts for maximum conductivity and service life
- Multiple termination design accepts back and side wiring, terminal clamps or ring terminals
- Back and side wire terminals accept up to #10 AWG solid copper wire. For stranded #8 AWG wire, remove terminal clamp and use ring terminal (sold separately)
- Oversized #10 triple-drive terminal screws provide greater torque and resist backing out from vibration
- Insulating barrier between terminals provide isolation from each phase
- Nickel-plated brass mounting strap for superior corrosion resistance
- Large toggle provides positive actuation, even with gloved hand
- Backed by a limited 10-year warranty

Welder Starting Switch

- Capable of accommodating bus bar termination in multi-gang applications
- Hole for mounting hardware supports panel mounting with self-threading fasteners or pop rivets
- Terminal screws accept up to #10 AWG solid copper wire. For stranded #8 AWG wire, remove terminal clamp and use ring terminal (sold separately)
- Fast-threading, corrosion-resistant brass triple-drive screws for fast, easy installation
- Backed by a limited 10-year warranty

Sample Motor Starting Switches

MOTOR STARTER | Manual Starting Switches | Welder Switch

30A-600VAC — Motor Starting without Overload Protection <i>Suitable as Motor Disconnect</i>									
					AC HP Rating				Cat. No.
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	
Motor Switch NEMA Type 1 Enclosure	2P	1Ø	Metal Gray Enclosure	Back & Side	2HP	5HP	10HP	15HP	N1302-DS
	3P	3Ø	Metal Gray Enclosure		3HP	7.5HP	15HP	20HP	N1303-DS
	3P	3Ø	Thermoplastic Black Enclosure*		3HP	7.5HP	15HP	20HP	N1303-TDS
Motor Switch NEMA Type 3R Enclosure	2P	1Ø	Metal Gray Enclosure		2HP	5HP	10HP	15HP	N3302-DS
	3P	3Ø	Metal Gray Enclosure		3HP	7.5HP	15HP	20HP	N3303-DS
Motor Switch NEMA Type 4X Enclosure	2P	1Ø	Thermoplastic Black Enclosure**		2HP	5HP	10HP	15HP	MS4X-302
	3P	3Ø	Thermoplastic Black Enclosure**		3HP	7.5HP	15HP	20HP	MS4X-303
Motor Switch Only	2P	1Ø	Black Standard Toggle Switch		2HP	5HP	10HP	15HP	MS302-DS
	2P	1Ø	Black Short Toggle Switch		2HP	5HP	10HP	15HP	MS302-DSS
	3P	3Ø	Black Standard Toggle Switch		3HP	7.5HP	15HP	20HP	MS303-DS
	3P	3Ø	Black Short Toggle Switch		3HP	7.5HP	15HP	20HP	MS303-DSS

40A-600VAC — Motor Starting without Overload Protection <i>Suitable as Motor Disconnect</i>									
					AC HP Rating				Cat. No.
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	
Motor Switch NEMA Type 4X Enclosure	2P	1Ø	Thermoplastic Black Enclosure**	Back & Side	2HP	5HP	10HP	15HP	MS4X-402
	3P	3Ø			3HP	7.5HP	15HP	20HP	MS4X-403
Motor Switch Only	2P	1Ø	Black Standard Toggle Switch		2HP	5HP	10HP	15HP	MS402-DS
	2P	1Ø			2HP	5HP	10HP	15HP	MS403-DS

60A-600VAC — Motor Starting without Overload Protection <i>Suitable as Manual Motor Controller</i>									
					AC HP Rating				Cat. No.
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	
Motor Switch NEMA Type 3R Enclosure	2P	1Ø	Metal Gray Enclosure	Front	—	10HP	15HP	20HP	N3602
	3P	3Ø			—	10HP	25HP	30HP	N3603
Motor Switch Only	2P	1Ø	Black Standard Toggle Switch	Back	—	10HP	15HP	20HP	MS602-BW
	2P	1Ø		Front	—	10HP	15HP	20HP	MS602-FW
	3P	3Ø		Back	—	10HP	25HP	30HP	MS603-BW
	3P	3Ø		Front	—	10HP	25HP	30HP	MS603-FW

30A, 40A and 60A Enclosures Only <i>Suitable as Motor Disconnect</i>			
Switch Type	Description	Used With	Cat. No.
Enclosure Only NEMA Type 1	Metal Gray Enclosure	30A	N13NC-DS
	Thermoplastic Black Enclosure*		N13NC-TDS
Enclosure Only NEMA Type 3R	Metal Gray Enclosure	30/40A	N33NC-DS
Enclosure Only NEMA Type 3R		40/60A	N36NC

*Enclosure has black thermoplastic cover with steel box.

**4X Enclosures are high impact Valox® in watertight enclosure rated 4X, 3R, 12K and IP67

Welder Switch

40A-600VAC — Motor Starting without Overload Protection						
					AC HP Rating	
Switch Type	Pole	Phase	Description	Wiring Position	250V	Cat. No.
Welder Switch Only	2P	—	Black Standard Toggle Switch	Back	5HP	WS402