

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 Suitable as Motor Disconnect									
					AC HP Rating				
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	Cat. No.
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 Suitable as Motor Disconnect									
					AC HP Rating				
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	Cat. No.
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 Suitable as Manual Motor Controller									
					AC HP Rating				
Switch Type	Pole	Phase	Description	Wiring Position	120V	240V	480V	600V	Cat. No.
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 Suitable as Motor Disconnect									
Switch Type	Description			Used With	AC HP Rating				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	