

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

AC Manual Motor Starting Switches
30A-600V AC — Suitable as Motor Disconnect

30A Motor Starting without Overload Protection

Switch Type	Pole	Phase	Description	Wiring Position	AC HP Rating				Cat. No.
					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	Back & Side	3HP	7.5HP	15HP	20HP	N1303-DS
	3P	3Ø	Thermoplastic Black Enclosure*	Back & Side	3HP	7.5HP	15HP	20HP	N1303-TDS
Motor Switch NEMA Type 3R Enclosure	2P	1Ø	Metal Gray Enclosure	Back & Side	2HP	5HP	10HP	15HP	N3302-DS
	3P	3Ø	Metal Gray Enclosure	Back & Side	3HP	7.5HP	15HP	20HP	N3303-DS
Motor Switch NEMA Type 4X Enclosure	2P	1Ø	Thermoplastic Gray Enclosure**	Back & Side	2HP	5HP	10HP	15HP	MS4X-302
	3P	3Ø	Thermoplastic Gray Enclosure**	Back & Side	3HP	7.5HP	15HP	20HP	MS4X-303
Motor Switch Only	2P	1Ø	Black Standard Toggle Switch	Back & Side	2HP	5HP	10HP	15HP	MS302-DS
	2P	1Ø	Black Short Toggle Switch	Back & Side	2HP	5HP	10HP	15HP	MS302-DSS
	3P	3Ø	Black Standard Toggle Switch	Back & Side	3HP	7.5HP	15HP	20HP	MS303-DS
	3P	3Ø	Black Short Toggle Switch	Back & Side	3HP	7.5HP	15HP	20HP	MS303-DSS

*Enclosure has black thermoplastic cover with steel box.

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

40A-600V AC — Suitable as Motor Disconnect

40A Motor Starting without Overload Protection

Switch Type	Pole	Phase	Description	Wiring Position	AC HP Rating				Cat. No.
					120V	240V	480V	600V	
Motor Switch NEMA Type 4X Enclosure	2P	1Ø	Thermoplastic Gray Enclosure*	Back & Side	2HP	5HP	10HP	15HP	MS4X-402
	3P	3Ø	Thermoplastic Gray Enclosure*	Back & Side	3HP	7.5HP	15HP	20HP	MS4X-403
Motor Switch Only	2P	1Ø	Black Standard Toggle Switch	Back & Side	2HP	5HP	10HP	15HP	MS402-DS
	2P	1Ø	Black Standard Toggle Switch	Back & Side	2HP	5HP	10HP	15HP	MS403-DS

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

MOTOR STARTER | Manual Starting Switches | Welder Switch

60A-600V AC — Suitable as Manual Motor Controller

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

30A, 40A and 60A Enclosures Only

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

*Enclosure has black thermoplastic cover with steel box

Welder Switch

40A-600V AC

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