

ACROSS-LINE MAGNETIC MOTOR STARTERS



Longer Life Expectancy:

We've Reduced The Number Of Moving Parts and Made The Remaining Parts Stronger Resulting In A Contactor That Has More Than Two Times The Normal Mechanical Life.

Quiet Operation - Greater Durability:

Incorporates A Cushioned, Insulated Coil That Has Dramatically Reduced The Vibration and Noise, Resulting In The Quietest Contactor On The Market. No Irritating Buzz Or Hum.

Exclusive Insulated Coil:

Class F Coil Standard Protects Against High Heat Damage and Extends Coil Life.

Enclosed Push-To-Test Button:

Recessed To Prevent Accidental Operation. New Cross Arm Guidance System Reduces Chances Of Binding.

Meets ARI-88, UL, CSA and All Major OEM Specifications

* Units Have ESP100 Solid State Overload With Motor Phase Loss Protection

Please Refer To Heater Tables On [PAGE 1-11](#) For Heater Selection. Heaters = List Price \$21.74 Each

Please Refer To [PAGE 1-12](#) For Replacement Coils.

Accessories:

Model Number	List Price
49SBPB5 (Push Button Kit For Sizes 0-1.5 & 4)	\$50.72
WFPBK (Push Button Kit For Sizes 2-3)	\$50.72
49SAP05 (Push Button Kit For Size 5)	\$76.09
49SBSB1 (Hand-Off-Auto For Sizes 0-1.5 & 4)	\$54.35
WFHOAK (Hand-Off-Auto For Sizes 2-3)	\$54.35
49SAS01 (Hand-Off-Auto For Size 5)	\$81.54
W50CA3DE (Remote Start/Stop)	\$65.22
Replacement Heaters	\$21.74

Max. HP	Voltage	Size	Enclosure	Model Number	Heaters Included	List Price
Three-Phase						
3	230	0	NEMA 1	WS0-230	E53	\$195.65
5	460	0	NEMA 1	WS0-460	E50	\$195.65
5	230	3/4	NEMA 1	WS34-230	E60	\$198.91
7.5	460	3/4	NEMA 1	WS34-460	E54	\$198.91
7.5	230	1	NEMA 1	WS1-230	E65	\$231.52
10	460	1	NEMA 1	WS1-460	E57	\$231.52
10	230	1.5	NEMA 1	WS1.5-230	E69	\$231.52
15	460	1.5	NEMA 1	WS1.5-460	E62	\$231.52
15	230	2	NEMA 1	WS2-230	E74	\$347.83
20 / 25	460	2	NEMA 1	WS2-460	E72	\$347.83
20	230	2.5	NEMA 1	WS2.5-230	E76	\$358.70
30	460	2.5	NEMA 1	WS2.5-460	E73	\$358.70
25	230	2.75	NEMA 1	WS2.75-230	*	\$666.30
40	460	2.75	NEMA 1	WS2.75-460	*	\$666.30
30	230	3	NEMA 1	WS3-230	*	\$706.52
50	460	3	NEMA 1	WS3-460	*	\$706.52
50	230	4	NEMA 1	WS4-230	*	\$2,558.80
100	460	4	NEMA 1	WS4-460	*	\$2,558.80
100	230	5	NEMA 1	WS5-230	*	\$5,657.35
200	460	5	NEMA 1	WS5-460	*	\$5,657.35
Three-Phase - With 115 Volt Coil						
3	230	0	NEMA 1	WS0-115-E53	E53	\$195.65
5	460	0	NEMA 1	WS0-115-E50	E50	\$195.65
5	230	3/4	NEMA 1	WS34-115-E60	E60	\$198.91
7.5	460	3/4	NEMA 1	WS34-115-E54	E54	\$198.91
7.5	230	1	NEMA 1	WS1-115-E65	E65	\$231.52
10	460	1	NEMA 1	WS1-115-E57	E57	\$231.52
10	230	1.5	NEMA 1	WS1.5-115-E69	E69	\$231.52
15	460	1.5	NEMA 1	WS1.5-115-E62	E62	\$231.52
15	230	2	NEMA 1	WS2-115-E74	E74	\$347.83
20	460	2	NEMA 1	WS2-115-E72	E72	\$347.83
20	230	2.5	NEMA 1	WS2.5-115-E76	E76	\$358.70
30	460	2.5	NEMA 1	WS2.5-115-E73	E73	\$358.70
40	460	2.75	NEMA 1	WS2.75-115	*	\$666.30
50	460	3	NEMA 1	WS3-115	*	\$706.52
100	460	4	NEMA 1	WS4-115	*	\$2,558.80
100	230	5	NEMA 1	WS5-115	*	\$5,657.35
200	460	5	NEMA 1	WS5-115	*	\$5,657.35
Single-Phase						
1.5	230	---	NEMA 1	WS1.5-2301P	E51	\$138.04
2 / 3	230	---	NEMA 1	WS2/3-2301P	E57	\$138.04
5	230	---	NEMA 1	WS5-2301P	E62	\$138.04
7.5	230	---	NEMA 1	WS7.5-2301P	E69	\$232.09
10	230	---	NEMA 1	WS10-2301P	E70	\$235.87
Single-Phase - Compressor Duty						
5	230	---	NEMA 1	WSX5-2301P	E62	\$138.04
Single-Phase - With 115 Volt Coil						
5	230	---	NEMA 1	WS5-115-2301P	E62	\$138.04
7.5	230	---	NEMA 1	WS7.5-115-2301P	E69	\$232.09
10	230	---	NEMA 1	WS10-115-2301P	E70	\$235.87



COMBINATION MOTOR STARTERS



Prewired Combination Starters Eliminate The Cost of Wiring Between Separate Disconnect and Starter. Factory Testing Assures Field Performance. Combination Starters Also Provide A More Compact and Attractive Installation Than Separate Units.

Enclosure Types:

Combination Starters Are Available In NEMA 1, 12/3/3R/4 (Painted), 4/4X (Stainless), 4X Fiberglass and 7 & 9 Enclosures. Enclosures Protect Personnel From Contact With Live Parts and Depending Upon The Construction, Protect The Control In Varying Degrees From Physical Damage and Harmful Atmospheres. All Enclosures Are Supplied With Corrosion Resistant Finishes.

New Heavy Duty Disconnect Switches:

The Disconnect Switch That Goes The Distance In Durability, Performance and Reliability Has Been Made Even Better To Give You Greater Advantages:

- Visible Blade For The Highest Level Of Safety.
- Double Break Switching Action To Reduce Arcing, Increase Lifetime and Eliminate The "Electric Hinge".
- More Rugged Positive Action Switch.
- Oversized Lugs Are Standard.
- Line Side Shield To Help Guard Personnel From Contact With Live Parts.
- Higher Horsepower Rating For Design E High Efficiency Motors.
- Now UL Listed For IlSCO, Burndy and T & B Crimp Type Lugs.

It's Rugged Construction - With A High Fault Withstand Rating Of 100 kA At 600 VAC When Fused With Class R Rated Fuses - Meets The Most Stringent Industry Standards Set Forth By The Automotive, Petro-Chemical and Pulp and Paper Industries. UL Recognized and CSA Certified, Our Disconnect Switches Are Available Either Non-Fusible Or Fusible With Class R and Class J Fuse Clips.

Type ETI Circuit Breaker:

The ETI Circuit Breaker Is A Device Designed Specifically For Application In Motor Circuits. The ETI Is A Magnetic Only Protective Device Designed To Provide Against Short Circuit Current.

The Instantaneous-Only Type ETI Circuit Breaker Employs Adjustable Magnetic Trip Settings To Allow Broader Application Ranges and A Higher Degree Of Motor Short Circuit Protection.



Heavy Duty Starters:

These Combination Starters Use The Same Starters Described In The Heavy Duty Starter Section Of This Catalog. ESP100 Solid State Overload Starters and Ambient Compensated Bimetal Overload Starters Are Available.

