worldwideelectric.com
(800) 808-2131

# General Purpose Motor Controls

## Class 18 NEMA Rated Combination Starter by Siemens

MCP Type with solid state overload relay. Compact, pre-wired and factory tested combination starters ready for field installation.



- SIEMENS type ETI breaker Short circuit protection
- Industrial type disconnect handle
- Wide range of enclosure types available
- Solid state ESP200 overload relay
- Easy to install
- Flexibility with field modifications
- Fusible disconnect available - consult factory
- UL Listed and CSA certified
- Replacement coils available

## Class 14 NEMA Rated Motor Starters by Siemens

ESP200 Solid State Overload Relay. Rugged, industrial construction and quality ensure efficient operating performance.





- NEMA sizes 00 - 5 and half sizes 1¾, 2½ & 3½
- NEMA 1, NEMA 12 when open
- Door mounted reset PB
- Knockouts for field kits
- Control terminals for field ease
- Large enclosure for wire bends
- Field kits for local start / stop
- Field kits for hand-off-auto operation
- Reset pushbutton supplied standard
- N.O. holding contact
- Replacement coils available

## 3RE48 NEMA Rated Pump Controller by Siemens

Compact, pre-wired and factory tested pump controllers ready for field installation. Ready for field modifications and installation of accessories.



- NEMA starter sizes 1 – 4
- Fusible disconnect and motor circuit protector
- Service entrance equipment (US only)
- High fault interrupting ratings up to 100kA at 600V
- UL Listed for 40 deg C max. ambient temperature
- cULus certified and UL listed
- Replacement coils available

## Single & Three-phase General Purpose Motor Starters

Single & three-phase electrically operated switches provide compact load control. See website for details.



## WDP Series Definite Purpose AC Contactors

Electrically operated switches provide compact load control.



- Rated current from 25-60A
- 1-, 2-, 3-pole configurations at 25A, 30A, and 40A
- 3-pole configurations at 50A and 60A
- Enclosed coil standard for all 3-pole frame sizes
- Open coil standard for 1- and 2-pole frame sizes
- Industry standard mounting plate provides easily accessible mounting holes
- Connection terminal box lug connections each with quick connect/disconnect terminals
- Class B 266°F (130°C) Coil insulation system with various Voltages and 50/60 Hz ratings
- Temperature range -40 to 158 °F (-40 to 70 °C)

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MORE INFO

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## ESP200 Solid State Electronic Overload Relays by Siemens

Ideal balance of motor protection and cost savings.



- Self powered with repeat accuracy of greater than 99%
- Selectable trip classes: 5, 10, 20 and 30
- Manual, automatic, and remote reset
- Phase loss protection - trips in less than 3 seconds
- Phase unbalance protection
- Thermal memory and ground fault protection
- Ambient insensitive (prevents nuisance tripping)
- FLA dial with wide range - 4:1 ratio
- One NO and one NC contacts standard
- Self protected in short circuit condition
- Visible trip indicator
- Touch-safe and removable terminals

## Drum Controllers by Hubbell

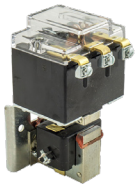
Start, stop and adjust the speed and/or direction of reversible AC/DC motors



- Variety of handle styles
- Magnetic chuck switches available
- NEMA 1 enclosure with easy terminal access
- Heavy-duty contacts

## Alternator Relays by Hubbell

Automatically alternate the operation of two separately mounted motor-driven pumps or compressors.



- Single pole double throw Heavy-duty 10 amp silver cadmium oxide contacts in a transparent dust cover
- The circuit is never closed or opened while current is conducted to prolong control life
- No load transfer
- Front wired with Industrial & rugged design

## Pressure Switches - Air & Water

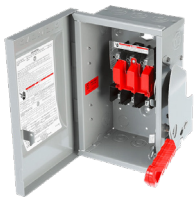
WorldWide Electric & Hubbll Brands



- Air up to 250 psi
- Water up to 125 psi

## VBII Safety Switches by Siemens

Superior build quality in a rigid and resilient enclosure.



- General duty - 240 Volt
- Heavy-duty - 600 Volt
- Highly visible easy grip handle
- Visible blade construction
- Door opens greater than 180°
- Quick-make, quick-break mechanism
- 200% optional neutrals (200-600 Amps)
- Positive two and three point mounting
- Padlock style cover latch and handle
- Generous wiring gutter
- Front removable lugs easily convert to copper body or compression type
- Lugs suitable for copper or Aluminum at 60°C or 75°C
- Replacement parts

## IEC Contactors by Siemens

Part of the SIRIUS modular system for industrial applications



- Frame sizes S00 - S12
- High mechanical endurance
- Designed for efficient operation in tough environments
- Lightweight structure for easy mounting and installation
- Compatible with various communication modules for control

## IEC Thermal Overload Relays by Siemens

Reliably protect against overloads.



- Screw-type, spring-loaded or ring cable lug connections
- Phase asymmetry and phase failure
- Thermal class 10
- 1NO, 1NC contacts
- Manual / automatic reset
- Test function
- Direct mount

## IEC Contact Blocks by Siemens

Available in frame sizes:



- Top mount: S00 - S3 and S6 - S12
- Side mount : S00, S0 - S3 and S6 - S12
- Not compatible with previous generation 3RT1*** series contactors (frame size S00 - S0)
- Other auxiliary block combinations available

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Distribution Centers in Atlanta (GA), Dallas (TX), Hernando (MS), Indianapolis (IN), Milton (PA), Rancho Cucamonga (CA), Sumner (WA), Warrior (AL)