

## Magnetic Starters

Cutler-Hammer



- Cutler-Hammer quality
- Highest HP rating in a compact space saving design
- Long-life twin break, silver cadmium oxide contacts provide superior resistance to welding and arc erosion
- Din rail mounting

| Part No. | Model No.        | Frame | Coil Voltage | HP @ 115V<br>1 PH | HP @ 230V<br>1 PH | HP @ 230V<br>3 PH | HP @ 380V<br>3 PH | HP @ 460V<br>3 PH |
|----------|------------------|-------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 6-4003   | CH CE15BNS3TB    | B     | 24V          | .05               | 1.0               | 2.0               | 5.0               | 5.0               |
| 6-4000   | CH CE15BNS3AB    | B     | 120V         | .05               | 1.0               | 2.0               | 5.0               | 5.0               |
| 6-4001   | CH CE15BNS3BB    | B     | 240V         | .05               | 1.0               | 2.0               | 5.0               | 5.0               |
| 6-4002   | CH CE15BNS3CB    | B     | 480V         | .05               | 1.0               | 2.0               | 5.0               | 5.0               |
| 6-4006   | CH CE15CNS3TB    | C     | 24V          | .05               | 2.0               | 3.0               | 5.0               | 7.5               |
| 6-4004   | CH CE15CNS3AB    | C     | 120V         | .05               | 2.0               | 3.0               | 5.0               | 7.5               |
| 6-4005   | CH CE15CNS3BB    | C     | 240V         | .05               | 2.0               | 3.0               | 5.0               | 7.5               |
| 6-4007   | CH CE15DNS3AB    | D     | 120V         | 1.0               | 3.0               | 5.0               | 10.0              | 10.0              |
| 6-4008   | CH CE15DNS3BB    | D     | 240V         | 1.0               | 3.0               | 5.0               | 10.0              | 10.0              |
| 6-4009   | CH CE15DNS3CB    | D     | 480V         | 1.0               | 3.0               | 5.0               | 10.0              | 10.0              |
| 6-4024   | CH CE15DNS3DB    | D     | 600V         | 1.0               | 3.0               | 5.0               | 10.0              | 10.0              |
| 6-4012   | CH CE15ENS3TB    | E     | 24V          | 2.0               | 3.0               | 7.5               | 10.0              | 15.0              |
| 6-4010   | CH CE15ENS3AB    | E     | 120V         | 2.0               | 3.0               | 7.5               | 10.0              | 15.0              |
| 6-4011   | CH CE15ENS3BB    | E     | 240V         | 2.0               | 3.0               | 7.5               | 10.0              | 15.0              |
| 6-4015   | CH CE15FNS3TB    | F     | 24V          | 2.0               | 5.0               | 10.0              | 15.0              | 20.0              |
| 6-4013   | CH CE15FNS3AB    | F     | 120V         | 2.0               | 5.0               | 10.0              | 15.0              | 20.0              |
| 6-4014   | CH CE15FNS3BB    | F     | 240V         | 2.0               | 5.0               | 10.0              | 15.0              | 20.0              |
| 6-4016   | CH CE15FNS3HB    | F     | 277V         | 2.0               | 5.0               | 10.0              | 15.0              | 20.0              |
| 6-4017   | CH CE15FNS3CB    | F     | 480V         | 2.0               | 5.0               | 10.0              | 15.0              | 20.0              |
| 6-4020   | CH CE15HNS3TB-09 | H     | 24V          | 3.0               | 7.5               | 15.0              | 25.0              | 30.0              |
| 6-4018   | CH CE15HNS3AB-09 | H     | 120V         | 3.0               | 7.5               | 15.0              | 25.0              | 30.0              |
| 6-4019   | CH CE15HNS3BB-09 | H     | 240V         | 3.0               | 7.5               | 15.0              | 25.0              | 30.0              |
| 6-4021   | CH CE15JNS3AB-09 | J     | 120V         | 5.0               | 10.0              | 20.0              | 30.0              | 40.0              |
| 6-4022   | CH CE15JNS3BB-09 | J     | 240V         | 5.0               | 10.0              | 20.0              | 30.0              | 40.0              |

## Overload Relays

Cutler-Hammer



- Cutler-Hammer quality
- Direct heated bimetal elements
- Adjustable trip current, overload trip indication
- Manual/automatic reset
- Din rail mounting

| Part No. | Model No.    | Frame Compatibility | Amps        |
|----------|--------------|---------------------|-------------|
| 6-5000   | CH C316FNA3E | A-F                 | 0.63-1.00   |
| 6-5002   | CH C316FNA3G | A-F                 | 1.30-1.80   |
| 6-5003   | CH C316FNA3H | A-F                 | 1.70-2.40   |
| 6-5004   | CH C316FNA3J | A-F                 | 2.20-3.10   |
| 6-5005   | CH C316FNA3K | A-F                 | 2.80-4.00   |
| 6-5006   | CH C316FNA3L | A-F                 | 3.50-5.00   |
| 6-5007   | CH C316FNA3M | A-F                 | 4.50-6.50   |
| 6-5008   | CH C316FNA3N | A-F                 | 6.00-8.50   |
| 6-5009   | CH C316FNA3P | A-F                 | 7.50-11.00  |
| 6-5010   | CH C316FNA3Q | A-F                 | 10.00-14.00 |
| 6-5011   | CH C316FNA3R | A-F                 | 13.00-19.00 |
| 6-5012   | CH C316FNA3S | A-F                 | 18.00-24.00 |
| 6-5013   | CH C316FNA3T | A-F                 | 24.00-32.00 |
| 6-5014   | CH C316KNA3B | G-K                 | 22.00-32.00 |
| 6-5015   | CH C316KNA3C | G-K                 | 29.00-42.00 |
| 6-5016   | CH C316KNA3D | G-K                 | 36.00-52.00 |
| 6-5018   | CH C316KNA3E | G-K                 | 45.00-63.00 |

## Push Button & Contact Blocks

Cutler-Hammer



6-2000

- Cutler-Hammer quality
- Heavy-duty
- Water tight/oil tight



6-2021



6-2022



6-2023

| Part No. | Model No.    | Description               |
|----------|--------------|---------------------------|
| 6-2004   | CH C320KGS3  | Contact Block, N/O, N/C   |
| 6-2000   | CH E22B1     | Contact Block, N/C        |
| 6-2001   | CH E22B2     | Contact Block, N/O        |
| 6-2021   | CH E22PB3    | Switch, Green Push Button |
| 6-2022   | CH E22EB2    | Switch, Red Push Button   |
| 6-2023   | CH E22VB51   | Switch, 2-position Lever  |
| 6-2020   | CH E22YED215 | Switch, Red Lever         |

## LANDA Flow Switch



- Horizontal or vertical mount
- 4350 psi
- 8 GPM max flow, 1.8 GPM min flow
- 180°F
- 12-250V, .8 Amps
- 3/8" FPT inlet/outlet

6-021730

| Part No. | Description             |
|----------|-------------------------|
| 6-021730 | LANDA MV60, Gray        |
| 6-021740 | Replacement Reed Switch |

## Legacy 500 Flow Switch



Vertical mounting or versatile mounting.



- Tough, impact-resistant, glass-reinforced, nylon housing
- Tungsten contact reed switch
- Heavy-duty machine brass internals

- Viton seals
- For solenoid control only
- 1-8 GPM
- 4350 psi
- 190°F
- 3/8" Inlet / Outlet
- 1 Amp switch
- 2 Wire Reed

| Part No. | Description                  |
|----------|------------------------------|
| 410305A  | Vertical Mount Only          |
| 410308A  | Mount in Any Position (Gray) |
| 109672   | Reed Switch Only (2 wire)    |

## Flow Switch



Spring return float allows full mounting versatility.



- 4050 max pressure
- 3500 rated pressure
- Horizontal or vertical mount
- Forged brass body
- NEW 3-wire reed switch
- 3/8" MPT inlet/outlet
- 8 GPM
- 190°F
- One Amp switch
- Solenoid control

| Part No. | Description               |
|----------|---------------------------|
| 410307P  | Flow Switch               |
| 109672   | Reed Switch Only (2 wire) |

## Flow Switch



- Brass body
- 8 GPM
- 3600 psi
- 3 Amp reed switch
- 180°F
- 3/8" inlet & outlet ports

| Part No. | Description                         |
|----------|-------------------------------------|
| 6-02173  | ST-5 – Vertical Mount Only          |
| 6-02175  | ST-6 – Horizontal or Vertical Mount |
| 109672   | Reed Switch (AP) (2 wire)           |
| 109675   | Reed Switch - ST 5                  |
| 109673   | Reed Switch - ST 6                  |

## Phoenix Flow Switch w/ Pilot



- .75-16.0 GPM
- 4000 psi
- 165°F
- 3 Amp-250 Volts
- 96" Reed Cord
- Includes 8mm Pilot
- 3/8" F inlet/outlet
- 2.5 lbs
- Mounting Hole

| Part No. | Description       |
|----------|-------------------|
| 410320   | Switch with Pilot |
| 410322   | Reed Switch       |

## VAC Switch - Burner Control

Normally open (NO) switch closes when pump vacuum begins drawing water and opens when vacuum is broken due to pump shut down or empty water tank.



- 1/4 FPT connect
- Heavy-duty 16 Amp contacts
- 140°F max water temperature

| Part No. | Description          |
|----------|----------------------|
| 413031   | 1.5" (HG) Vac Switch |
| 413032   | 2.5" (HG) Vac Switch |
| 413034   | 4.5" (HG) Vac Switch |

## Pressure Switch

Operation without opening switch case – Blue = Common  
CONNECT: Red/Blue = N/C, Blue/Brown = N/O



- 200°F
- Stainless steel plunger
- 3600 psi
- 1/4" MPT nipple
- 15 Amp – 115 or 230V AC
- 3-wire – Internally wired for either N/O or N/C

| Part No.  | Description                          |
|-----------|--------------------------------------|
| 411060    | Pressure Switch (Switches @ 360 psi) |
| 411060-40 | Pressure Switch (Switches @ 580 psi) |
| 082022    | Micro Switch (10 Amp 28VDC)          |
| 082023    | Micro Switch (15 Amp 115/230VAC)     |

NOTE: 10 AMP 28 VDC Micro Switch available. Excellent for use on 12 VDC Hot Pressure Washers.

## Compact Pressure Switch

Three Amp rating provides the switching power to control fuel solenoids just like the large switches. Body measures 1" x 1-1/4" x 2" (Not including wire or connector)



- 3600 psi
- 580 psi switch pressure
- 200°F
- 1/4" brass MPT connect SS plunger
- 3 Amp switch rating – 250V
- 48" – 3-wire cable for use in either NC or NO application: Blue = Common Brown = NO; Red = NC

| Part No. | Description             |
|----------|-------------------------|
| 411050   | Compact Pressure Switch |

## Black Pressure Switch



- Brass stem and stainless steel nipple
- 3600 PSI
- 580 PSI switching pressure
- 195°F
- 1/4" male inlet
- 15 Amp
- Weight: 8 oz
- 250 volts



| Part No. | Description           |
|----------|-----------------------|
| 6-021720 | Black Pressure Switch |

## Red Pressure Switch



- All stainless steel construction
- Rated pressure: 5800 psi
- 6500 psi max pressure
- 640 psi switching pressure
- 195°F
- 3/8" male inlet
- 15 Amp max draw
- Weight 10 oz



| Part No. | Description            |
|----------|------------------------|
| 411065   | Red Pressure Switch    |
| 111459   | Heavy-duty MicroSwitch |

## Toggle / Push Button Switch



- 7/16" mounting bushing
- 1/2" diameter mounting hole required
- Mounting hardware included

| Part No. | Description    | HP* | Connects |
|----------|----------------|-----|----------|
| 411605*  | SPST, 20A/110V | 1.0 | m/spade  |
| 411607   | DPST, 20A/110V |     | m/spade  |
| 337206*  | DPST, 20A/125V | 1.5 | screw    |
| 337205*  | DPST, 20A/250V | 2.0 | screw    |
| 337208*  | DPST, 16A/125V | 1.0 | screw    |
| 285140*  | SPST, 20A/120V | 3/4 | m/spade  |
| 285189*  | DPST, 20A/120V | 3/4 | screw    |
| 337207   | Switch Guard   |     |          |

### Push Button Switches

|        |   |  |       |
|--------|---|--|-------|
| 285139 | SPST, 5A/120V<br>Push on/ push off              |  | screw |
| 285187 | SPST, 15A/120V<br>Push and hold on/ release off |  | screw |

\*Motor rated

## Rocker Switches



- On/off switch
- Lighted available
- 125/250V

| Part No. | Description                 | AMP   | Voltage |
|----------|-----------------------------|-------|---------|
| 6-020251 | Curvette, V. Carling        | 16/10 | 125/250 |
| 6-020252 | Curvette, 2-pos             | 20/15 | 125/250 |
| 6-020253 | Curvette, 3-pos             | 16/10 | 125/250 |
| 6-020240 | Carling, Green Light, 2-pos | 15/10 | 125/250 |
| 6-020241 | Carling, Red Light, 3-pos   | 15/10 | 125/250 |

## Accura High Limit Switch



- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 Amp @110V/10 Amp @ 220V
- Heavy-duty brass housing (7000 psi collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4" male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

| Part No. | Probe MPT | Temperature |
|----------|-----------|-------------|
| 411250   | 3/8"      | 110°F       |
| 411254   | 3/8"      | 120°F       |
| 411256   | 3/8"      | 140°F       |
| 411262   | 3/8"      | 170°F       |
| 411266   | 3/8"      | 180°F       |
| 411272   | 3/8"      | 210°F       |
| 411276   | 3/8"      | 230°F       |
| 411264   | 1/2"      | 180°F       |
| 411268   | 1/2"      | 200°F       |
| 411270   | 1/2"      | 210°F       |
| 411232   | 1/2"      | 230°F       |
| 411278   | 1/2"      | 250°F       |
| 411332   | 1/2"      | 330°F       |
| 141538   | 1/2"      | PVC Coupler |

## Accura High Limit Switch w/ Wire Lead



- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 Amp @110V/10 Amp @ 220V
- Heavy-duty brass housing (7000 psi collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4" male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

| Part No. | Probe MPT | Wire Lead | Temperature |
|----------|-----------|-----------|-------------|
| 411274   | 1/2"      | 36"       | 210°F       |
| 4-0509   | 1/2"      | 42"       | 230°F       |
| 4-0510   | 1/2"      | 42"       | 275°F       |
| 411233   | 1/2"      | 80"       | 230°F       |
| 4-05010  | 1/2"      | 80"       | 330°F       |

## Ground Fault Circuit Interrupters (GFCI)

GFCI's protect people and equipment by interrupting potentially lethal ground circuits exceeding 6mA. The dangers of electrical shocks have been long known – GFCI's are the only real way to be safe. Most city & county codes now require GFCI protection on power cleaning equipment.



- U.L. listed
- Three wire circuits
- Transient voltage protection
- 4 - 6mA ground fault protection
- Grounded neutral protection
- Mechanical trip indicator
- Compact size
- Rugged construction
- Radio frequency interference suppression

| Part No.               | Volt | Amp | Length | Plug included |
|------------------------|------|-----|--------|---------------|
| 6-01062                | 120V | 15A | 36 ft  | yes           |
| 337626                 | 120V | 15A | 12 ft  | yes           |
| 337607                 | 120V | 20A | 12 ft  | no            |
| 337608                 | 120V | 20A | 12 ft  | yes           |
| 6-01060                | 120V | 20A | 35 ft  | yes           |
| 337627                 | 220V | 15A | 6 ft   | yes           |
| 337630                 | 240V | 15A | 12 ft  | yes           |
| 6-010631               | 240V | 20A | 36 ft  | yes           |
| 337632                 | 240V | 30A | 6 ft   | yes           |
| 337645                 | 240V | 30A | 6 ft   | no            |
| 337647                 | 240V | 30A | 12 ft  | no            |
| 337634                 | 240V | 30A | 12 ft  | yes           |
| 337649                 | 240V | 30A | 35 ft  | no            |
| 6-01059                | 240V | 30A | 35 ft  | yes           |
| 6-010690               | 240V | 40A | 36 ft  | no            |
| GFCI Plug without Cord |      |     |        |               |
| 6-01061                | 120V | 15A | N/A    | yes           |
| 337614                 | 120V | 20A | N/A    | yes           |

NOTE: User-attached plug also includes the sealant necessary to attach the power cord per UL Specification.

## GFCI Module 20 Amp - 120V or 240V

Not recommended for field service.



- Using 120V or 240V shop attachable module; attach your power cord length as required
- Use with 16–12 gauge SJ, SJO or SJT 3-wire cords
- 20 Amp rating at 120V or 240V 60 Hz

| Part No. | Description |
|----------|-------------|
| 6-01063  | GFCI Module |

## Enclosure Box for Magnetic Motor Starter Sets



- NEMA 65 non-metallic enclosure Dim: 4-1/3" W, 4" D x 6" H
- 8 (1/2-3/4") wiring knockouts on box
- Holes pre-drilled for mounting contactor and overloads with mounting screws included

| Part No. | Description            |
|----------|------------------------|
| 260268X  | Box, Toggle & Hardware |

## Magnetic Motor Starters

For pressure washer and carwash applications.



Contactor



Overload



Coil

- 24VAC Control
- 1Ø - 240V, 3Ø - 240V or 480V Contactor
- Componentized for flexibility
- Thermal overloads adjustable within range shown
- Electrical life: 1,000,000+ cycles
- Mechanical life: 20,000,000+ cycles
- Contacts: 90% silver, 10% cad-oxide

| Type       | 24V Coil | 120V Coil | 220V Coil | FL Amp    | 220V 1Ø HP | 220V 3Ø HP | 440V 3Ø HP |
|------------|----------|-----------|-----------|-----------|------------|------------|------------|
| Contactors |          |           |           |           |            |            |            |
|            |          |           |           | UL Rating |            |            |            |
| A          | 260265   | 260290    | 260295    | 22        | 2          | 3          | 5          |
| B          | 260266   | 260291    | 260296    | 24        | 2          | 5          | 7.5        |
| C          | 260267   | 260292    | 260297    | 32        | 3          | 5          | 10         |
| D          | 260268   | 260293    | 260298    | 40        | 5          | 7.5        | 15         |
| E          | 260269   | 260294    | 260299    | 52        | 7.5        | 10         | 20         |
| F          | 260351   | 260352    | 260353    | 90        | 10         | 15         | 30         |

| Part No.   | Voltage | Fits Contactor |
|------------|---------|----------------|
| Coils Only |         |                |
| 260274     | 24V     | A,B,C,D        |
| 260272     | 120V    | A,B,C,D        |
| 260273     | 220V    | A,B,C,D        |
| 260275     | 480V    | A,B,C,D        |
| 260277     | 120V    | E              |
| 260278     | 220V    | E              |
| 260427     | 120V    | F              |
| 260428     | 220V    | F              |

| Part No.          | Type | Amp Range | Fits Contactor |
|-------------------|------|-----------|----------------|
| Thermal Overloads |      |           |                |
| 260253            | Man  | 9.0-15    | A,B,C,D        |
| 260270            | Man  | 14-23     | A,B,C,D        |
| 260271            | Man  | 17-26     | A,B,C,D        |
| 260247            | Man  | 20-33     | C,D            |
| 260248            | Man  | 28-42     | C,D            |
| 260249            | Man  | 35-50     | E,F            |
| 260433AUTO        | Auto | 2.0-3.3   | A,B,C,D        |
| 260437AUTO        | Auto | 4.5-7.5   | A,B,C,D        |
| 260440AUTO        | Auto | 6.0-10    | A,B,C,D        |
| 260253AUTO        | Auto | 9.0-15    | A,B,C,D        |
| 260270AUTO        | Auto | 14-23     | A,B,C,D        |
| 260271AUTO        | Auto | 17-26     | A,B,C,D        |
| 260247AUTO        | Auto | 20-33     | C,D            |
| 260248AUTO        | Auto | 28-42     | C,D            |
| 260249AUTO        | Auto | 35-50     | E,F            |

- Used to mount Overload to Motor Starter Contactors

| Part No.                        | Description |
|---------------------------------|-------------|
| Thermal Overload Connector Kits |             |
| 260281                          | A,B,C,D     |
| 260284                          | E           |
| 260349                          | F           |

## On / Off Rotary Switch

**LANDA®**  
CLEANING SYSTEMS



6-020201

- Single or three phase
- 2 position or 3 position
- Heavy-duty

| Part No. | Description                |
|----------|----------------------------|
| 6-020201 | 115-230V, 1PH 3-position   |
| 6-020203 | 230/460V, 3PH 3-position   |
| 6-020204 | 120-600V, 1-3PH 2-position |

## Machine Control Cam Switch - 3 Position



- Heavy-duty rotary cam switches
- Legend plate reads Off/Pump/Burner
- Quick Make/Break action reduces arcing
- Wiring boot included (except 410242-3)
- Legend plate 2-1/2" square
- Four-screw mounting

| Part No. | Model     | Amp | Voltage | Phase |
|----------|-----------|-----|---------|-------|
| 410210   | S220-1686 | 20  | 110V    | 1Ø    |
| 410221   | S220-1687 | 20  | 220V    | 1Ø    |
| 410223   | S220-1688 | 20  | 220V    | 3Ø    |
| 410231   | S225-1686 | 30  | 110V    | 1Ø    |
| 410232   | S225-1687 | 30  | 220V    | 1Ø    |
| 410233   | S225-1688 | 30  | 220V    | 3Ø    |
| 410242   | S432-4095 | 40  | 240V    | 1Ø    |
| 410243   | S432-1402 | 40  | 480V    | 3Ø    |

**Single Hole Mounting** - requires a 22mm (7/8" Dia) hole

|        |          |    |      |    |
|--------|----------|----|------|----|
| 410208 | 220-1789 | 20 | 110V | 1Ø |
|--------|----------|----|------|----|

## "Big Boot" Cam Switch - 3 Position

Large rectangular boot for easier wiring.



- Mounting configuration and electrical ratings same as "S" switches above

| Part No. | Model     | Amp | Voltage | Phase |
|----------|-----------|-----|---------|-------|
| 410260   | T225-1686 | 30  | 110V    | 1Ø    |
| 410262   | T225-1687 | 30  | 240V    | 1Ø    |
| 410265   | T225-1688 | 30  | 240V    | 3Ø    |

**Single Hole Mounting** - requires a 22mm (7/8" Dia) hole

|        |          |    |      |    |
|--------|----------|----|------|----|
| 410219 | 220-1843 | 20 | 220V | 1Ø |
|--------|----------|----|------|----|

## On / Off Cam Switch



- Legend plate: On/Off
- Tear drop-shaped knob
- Face plate 2-1/2" square
- Motor Ratings:  
410202 – 1-1/2 HP/ 110V  
410204 – 6 HP/ 240V

| Part No. | Description      |
|----------|------------------|
| 410202   | 20 Amp/ 110 Volt |
| 410204   | 28 Amp/ 240 Volt |

## Universal "Elektra"

UL/CSA Rated Machine control cam switches



410251



410253



410263

- Position - "Off"- "Pump Burner"
- Quick make/break action - reduces arcing
- 2 or 4 screw mount (2-1/2 square legend plate)
- (Matches: Salzer/Kraus -Naimer/ Bremas & Klockner - Moeller mounts)
- "Boot" has plenty of wiring room
- Screw to screw/terminal to terminal replacement for salzer "S" & "J" type switches above
- "Tite Boot" excellent dust & moisture seal
- Contacts UL/CSA Rated: 25 Amp vs 20 Amp, 35 Amp vs 30 Amp, 50 Amp vs 40 Amp

| Part No. | Amp | Wiring Poles | Phase | Voltage | HP      |
|----------|-----|--------------|-------|---------|---------|
| 410251   | 25  | 1            | 1     | 120     | 1.5     |
| 410253   | 25  | 2            | 1     | 120/240 | 1.5/2.0 |
| 410263   | 35  | 2            | 1     | 120/240 | 2/3     |
| 410267   | 50  | 2            | 1     | 120/240 | 3/7.5   |

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.



"Elektra" On - Off Switch with box UL/CSA Rated 25 & 35 Amp. Compact 3-1/4" Square x 3-3/4" Deep Enclosure "Versatile Mount".

| Part No. | AMP | Wiring Poles | Phase | Voltage | HP    |
|----------|-----|--------------|-------|---------|-------|
| 410203   | 25A | 2            | 1     | 120/240 | 1.5/2 |
| 410205   | 35  | 2            | 1     | 120/240 | 2/3   |

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.

## 60 AMP On / Off Cam Switch & Box

Cam Action Fast "Make-Break" to reduce arcing.



- 60 Amp disconnect rating
- Four 1/2" knock-outs
- Versatile mounting
- Motor Ratings:  
7.5 HP @ 240vt 1Ø  
5.0 HP @ 240vt 3Ø  
3.0 HP @ 480vt 3Ø

| Part No. | Description   |
|----------|---|
| 410206   | 60 Amp Switch with Large Box<br>4-1/2" w x 7" H x 3-3/4" D                        |
| 410190   | 60 Amp Switch only  |
| 410192   | Box only 3-7/8" x 4-7/8" x 2-3/4" for<br>410190 switch using 10 gage/smaller wire |
| 076521   | Knob  |

NOTE: Switch does not have thermal overload protection

## 30 AMP Toggle Switch



- 30 Amp 600 Volt - DPST
- With or without box
- Rated for:  
2 HP motor @ 115V  
3 HP Motor @ 230V

| Part No. | Description             |
|----------|-------------------------|
| 337187   | Switch only             |
| 337188   | Switch & Rain Tight Box |
| 337210*  | Switch with NEMA 1 Box  |

\*Not Rain Tight (Baldor Replacement)

## Manual Motor Starter w/ Sealed Box



- 25 Amp with adjustable overload
- Adjustment range 20-25 Amps
- Sealed box 3-1/4"W x 3-1/2"D x 6-1/2"H
- 110-500 Volt IEC rated
- 2 cord grips fit 1/2" threaded knockouts
- Protective cover over buttons
- Single & 3-phase wiring instructions

| Part No. | Description   |
|----------|---------------|
| 337212   | Motor Starter |

## Winco AC Generator



2000 Watt, 120 VT, 3600 RPM, 16.7 Amp.

- Industrial-duty – 3 carbon brushes
- The STANDARD in the pressure washing industry: WINCO 2FSM2PC-1
- Starts & runs 1/2 HP motor
- 5/8" diameter shaft rotates either direction
- Extra slip ring for smoother power curve during motor starting
- Dual sealed permanent bearings
- 15" L x 6.5" W x 6.75" H
- 59 lbs weight

| Part No. | Description        |
|----------|--------------------|
| 6-0601   | Winco AC Generator |

- Genuine Winco parts
- Save downtime—we stock below items & more!

| Part No.                  | Description | No. Req'd |
|---------------------------|-------------|-----------|
| <b>Winco Repair Parts</b> |             |           |
| 078451                    | Bearings    | 2         |
| 6-0605                    | Brushes     | 3         |
| 6-0607                    | Capacitors  | 2         |
| 6-0608                    | Rectifier   | 1         |
| 078457                    | Receptacle  | 2         |
| 078459                    | Fan         | 1         |

## Voltmaster Generator

2500 Watt/120V/21.6 Amp @ 3600 RPM.



- Industrial-type watertight enclosure (11-5/8" x 7-1/2" diameter)
- Brushless design
- All copper winding – High surge capacity
- Circuit breaker protection (standard)
- Shaft rotates either direction
- 7/8" shaft, 2 sealed (ball) bearings
- 36.5 lbs weight
- Adapter plate for replacement of Winco model 2FS2PC-1 available

| Part No. | Description               |
|----------|---------------------------|
| 337441   | 2500 Watt Generator       |
| 337443   | Adapter Plate & Fasteners |

## Voltage Regulator

**LANDA**  
CLEANING SYSTEMS



- Designed specifically for LANDA for use on 12VDC burner systems.

| Part No. | Description     |
|----------|-----------------|
| 6-0615   | 25 Amp, 15 Volt |

## Adjustable Thermostat Switches

**LANDA**  
CLEANING SYSTEMS



- Capillary tube provides fast response time
- Prevents burner from overheating
- Adjustable to 300°F

| Part No. | Description    |
|----------|----------------|
| 4-05088  | 300°           |
| 4-05090  | 175°; SJ Units |

## Adjustable Thermostat

**AP**

With panel-mount controls.



- 4000 psi
- 302°F
- 3-1/2" immersion bulb with 60" capillary tube
- Accuracy ± 2.5%
- Temperature change response within ± 6°F
- 16 Amp - 250 volt
- Large easy read dial
- Seal, nut & 1/2" transition coupling included

| Part No. | Description        |
|----------|--------------------|
| 430050   | 0-194°F Thermostat |
| 430058   | 0-248°F Thermostat |
| 430060   | 0-302°F Thermostat |

## Adjustable Flow Thru Thermostat



4-05083

- Stainless Steel Case
- Silver Contacts
- Ceramic Insulation
- Stop Collar



430027

- Tension Adjusting Screw
- 3000 psi
- 10 Amps - 110 Volts
- 5 Amps - 220 Volts
- Adjustable 85° - 195°
- 1/2" inlet / 3/8" outlet
- Fenwall Inside

| Part No. | Description |
|----------|-------------|
| 430027   | Thermostat  |
| 4-05083  | Switch Only |

## In Line Thermostat

In Line Controls for Pressure Washers and Steamers.



- Positive bimetal temperature control
- 1/2" inlet/outlet FPT ports
- 2000 psi max working pressure
- Universal 1/4" spade terminal connection

| Part No. | Description |
|----------|-------------|
| 430025   | 60-250°F    |
| 430035   | 60-350°F    |

## Solid State Temperature Control



4-05085



4-05086

- Solid state controls
- Thermistor provide accurate and timely cutoff at proper temperature
- Adjustable up to 350°F

| Part No. | Description |
|----------|-------------|
| 4-05085  | 275°        |
| 4-05087  | 350°        |
| 4-05086  | Thermistor  |

## Timers



6-03700



6-036880

- Preset and adjustable available
- Heavy-duty

| Part No. | Description  |
|----------|--|
| 6-03700  | Multi-function, 24V-120/240V Time Delay Timer          |
| 6-036880 | Solid State, 120V, 5-60 Minute Adj for Auto Start84.50 |

## Indicator Lights



6-050413



6-020590

- Easily mounts to control panel
- Available in 12V, 24V, and 125V
- Great for remote applications

| Part No. | Voltage | Color |
|----------|---------|-------|
| 6-02053  | 125V    | Red   |
| 6-020530 | 125V    | Green |
| 6-050413 | 125V    | Amber |
| 6-0399   | 24V     | Red   |
| 6-03990  | 24V     | Green |
| 6-02059  | 12V     | Red   |
| 6-020590 | 12V     | Green |

## Fuses

- Full range of fuses
- Protect your equipment



| Part No.  | Code     | Max Voltage | Amps |
|-----------|----------|-------------|------|
| 6-022970  | FNM1/2   | 250V        | 0.5  |
| 6-0229810 | FNM8/10  | 250V        | 0.8  |
| 6-0229710 | FNM1     | 250V        | 1.0  |
| 6-02320   | FNM2-1/2 | 250V        | 2.5  |
| 6-023080  | FNM3     | 250V        | 3.0  |
| 6-023090  | FNM5     | 250V        | 5.0  |
| 6-02321   | FNM7     | 250V        | 7.0  |
| 6-022910  | FNM8     | 250V        | 8.0  |
| 6-022920  | FNM10    | 250V        | 10.0 |



|         |         |      |     |
|---------|---------|------|-----|
| 6-02311 | FNQ3/10 | 500V | 0.3 |
| 6-02312 | FNQ6/10 | 500V | 0.6 |
| 6-02306 | FNQ-R-3 | 600V | 3.0 |



|          |            |      |      |
|----------|------------|------|------|
| 6-02296  | KTK-R1/4   | 600V | 0.25 |
| 6-02295  | KTK-R1/2   | 480V | 0.5  |
| 6-02294  | KTK-R1     | 240V | 1.0  |
| 6-022982 | KTK-R1-1/2 | 600V | 1.5  |
| 6-02299  | KTK-R2     | 120V | 2.0  |
| 6-022990 | KTK-R2-1/2 | 600V | 2.5  |
| 6-022992 | KTK-R4     | 600V | 4.0  |
| 6-02307  | KTK-R5     | 600V | 5.0  |
| 6-02304  | KTK-R30    | 600V | 30.0 |



|          |          |      |      |
|----------|----------|------|------|
| 6-02297  | MDL1/2   | 120V | 0.5  |
| 6-022981 | MDL3/4   | 250V | 0.75 |
| 6-022971 | MDL1     | 250V | 1.0  |
| 6-02298  | MDL2-1/2 | 24V  | 2.5  |
| 6-02308  | MDL3     | 250V | 3.0  |
| 6-02309  | MDL5     | 250V | 5.0  |
| 6-02291  | MDL7-1/2 | 250V | 7.5  |
| 6-022911 | MDL8     | 250V | 8.0  |

## Circuit Breakers

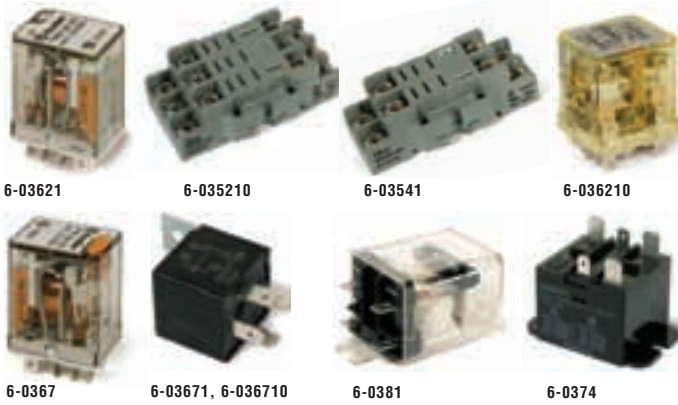


6-04121

- Provides protection against excessive Amp draw

| Part No. | Description              |
|----------|--------------------------|
| 6-04121  | 8 Amp                    |
| 6-041250 | 25 Amp (All 12V Systems) |

**Relays**



| Part No. | Description   |
|----------|---|
| 6-03621  | 120V, RH2B-UI-AC120 for Pressure Washers                  |
| 6-03521  | 240V, RH2B-UI-AC240 for CL, CLP                           |
| 6-035210 | Socket, SH3B05* IDEC for Auto Start/ CLP                  |
| 6-03541  | Base, SH2B-05 for IDEC                                    |
| 6-036210 | Latch 2, RH2LBUAC120* IDEC Auto Start/ CLP                |
| 6-0367   | 24V, IDEC CLP   |
| 6-0381   | Power Deltrol, 120V for SJ-5, CL, WS                      |
| 6-0374   | Relay, Power Omron G4B112T1FDCUSRAC120 for Delta/Alpha    |
| 6-03671  | P&B/VF4-41F11, 12VDC, 40 Amp for 12VDC Units 13hp & Below |
| 6-036711 | Relay, P&B, 24V/40 A for 12 VDC Units over 13hp           |

**Step-Down Transformers**



- Industrial duty
- High quality CutlerHammer
- Drops primary voltage to selected secondary voltage

| Part No. | Primary Voltage | Secondary Voltage | Size    |
|----------|-----------------|-------------------|---------|
| 6-05234  | 600V            | 120-240V          | 1.0KvA  |
| 6-6031   | 380/400/415     | 110/220V          | .750KvA |
| 6-60121  | 120/240V        | 24V               | .050KvA |
| 6-6035   | 120/240V        | 24V               | .100KvA |
| 6-60161  | 208/230/460V    | 24/115V           | .050KvA |
| 6-60141  | 208/277V        | 120V              | .050KvA |
| 6-60151  | 208/277V        | 120V              | .075KvA |
| 6-6025   | 380V            | 24V               | .050KvA |
| 6-60051  | 240/480V        | 120/240V          | .200KvA |
| 6-60021  | 240/480V        | 120/240V          | .500KvA |
| 6-60111  | 240/480V        | 120V              | .075KvA |
| 6-60101  | 240/480V        | 120V              | .050KvA |
| 6-60131  | 550V/575/600V   | 115V              | .050KvA |

**Junction Boxes**



| Part No. | Description  |
|----------|--|
| 6-0390   | VNG Remote, Plastic                                |
| 6-03901  | 12" x 12" x 4", Metal VNG Remote Wiring Box        |
| 6-03904  | Fiberglass, NEMA4 for PE Units                     |
| 6-03906  | 12" x 10" x 5.25" for Solid Sep/ Water Blast/ AMC  |
| 6-03907  | 8" x 8" x 4", Plastic Alpha, for SEA 3-1100        |
| 6-03909  | 10" x 8" x 6", Box, Plastic with Lid for SEA       |
| 6-03910  | Box, Plastic without Lid E9801                     |
| 6-03911  | Lid, Plastic for 6-03910                           |
| 6-03912  | 18" x 16" x 9.25", Plastic for CLP, WB             |
| 6-03913  | 14" x 16" x 6.75", Plastic for CL, HBG, AMC, Delta |
| 6-0409   | Cover, Duplex Receptacle for Alpha                 |
| 6-0410   | 2" x 4", 3-hole, 1/2" WB, for CLP                  |
| 6-04101  | 2" x 4", Extension, for 6-0410, 6-04102, 6-04103   |
| 6-04102  | 2" x 4", 5-hole, 1/2" for CLP                      |
| 6-04103  | 2" x 4", 4-hole, 1/2" for CLP                      |
| 6-04104  | 4" x 4", 3-hole, SK Series for Alpha/ PK           |
| 6-041041 | 4" x 4", 5-hole, 1/2" for WB                       |
| 6-041043 | 4" x 4" SK, Cover Plate, for WB for 6-00041        |
| 6-0411   | 2" x 4", Cover Plate, for 6-0410                   |
| 6-04110  | 2" x 4", Junction 3-hole, 3/4"                     |
| 6-041100 | 2" x 4", 3-hole, 1" for ENG                        |

## RainTite Switch Box



- UL 728A
- 2-3/4" x 5-1/2" x 2" box
- Three 1/2" tapped holes
- Box includes 2 plugs, ground screw & mounting lugs
- Cover includes gasket

| Part No. | Description         |
|----------|---------------------|
| 337203   | RainTite Switch Box |
| 337204   | Switch Box Cover    |

## Strain Reliefs



6-05153, 6-05152  
6-051595



6-05154

- 1/2" and 3/4"
- Liquid tite available
- Heavy-duty



6-05161



6-05180, 6-05220



6-051591, 6-051593



6-05159, 6-051592

| Part No.             | Description                |
|----------------------|----------------------------|
| <b>Plastic</b>       |                            |
| 6-05152              | 1/2", Straight, small      |
| 6-05153              | 1/2", Straight, large      |
| 6-05154              | 1/2", Flexible, 80° to 90° |
| 6-051500             | 3/4", Flexible, 80° to 90° |
| 6-051595             | 3/4", Straight             |
| 6-051591             | 1/2" 90°                   |
| 6-051593             | 3/4" 90°                   |
| 6-05159              | Straight, 1/2"             |
| 6-051592             | Straight, 3/4"             |
| 6-05181A             | Locknut, 1/2"              |
| 6-05181B             | Locknut, 3/4"              |
| <b>Metal (Romex)</b> |                            |
| 337020               | 1/2" Straight              |
| 6-05161              | 3/8" Straight              |
| 6-0517               | 3/4" Straight              |
| 6-05181              | Locknut, 1/2"              |
| <b>Aluminum</b>      |                            |
| 6-05180              | 1/2", Straight             |
| 6-05220              | 1", Straight               |

## Cord Caps / Plugs



337000

337004

337006

337013

- Industrial quality
- Dead front cord caps – nylon body straight plugs & "Auto-Clamp" for cord
- 337013 angle plug has vinyl body and both 30A & 50A neutral leg

| Part No. | Description               |
|----------|---------------------------|
| 337000   | 15A/120V, Black Nylon     |
| 337004   | 20A/120V, Black Nylon     |
| 337006   | 20A/250V, Black Nylon     |
| 337013   | 30A-50A/250V, Black Vinyl |

## Molded Power Cord



- Water tight
- Factory finished look
- Used on skid generator units

| Part No. | Description            |
|----------|------------------------|
| 6-0107   | 3' 14-3 Cord with Plug |

## Wire Loom - for wiring harnesses



- Protects wires from abrasion and crushing
- Controls bundles of wires and allows for multiple exits at wiring points
- "Factory Perfect" look for all machines

| Part No. | Description       |
|----------|-------------------|
| 337120   | 1/4" ID 100' Roll |
| 337121   | 3/8" ID 100' Roll |
| 337122   | 1/2" ID 100' Roll |
| 337123   | 5/8" ID 100' Roll |

## Vinyl Electrical Tape



- Premium grade - 7 mil
- UL approved
- 3/4" x 60'

| Part No. | Description     |
|----------|-----------------|
| 118910   | Roll 3/4" x 60' |