

FLOW SWITCHES - LEGACY MV60 & AP500

Legacy



- Temperature: 180°F
- AMP: 3, 12-250V
- Horizontal & Vertical Mount
- 3/8" FPT Inlet / Outlet
- 2 Wire Reed
- 62" Cord Length

| PART NO. | DESCRIPTION | PSI | GPM |
|-------------|-------------------------------------|------|------|
| 8.933-006.0 | MV-60, Vertical or Horizontal Mount | 5660 | 10.0 |
| 8.712-244.0 | AP-500, Vertical Mount Only | 4350 | 8.0 |
| 9.803-266.0 | Reed Switch (AP) (2 wire) | | |

FLOW SWITCHES - ST-5 & ST-6



ST-5



ST-6

- Temperature: 180°F
- Brass Body

| PART NO. | DESCRIPTION |
|-------------|---|
| 9.112-680.0 | ST-5 Gray, Vertical/ Horizontal Mount, 75-5075 PSI Max, 1-7.8 GPM, 3/8" FPT Inlet/Outlet, 1 A-250 V (47" Wire Length) |
| 8.757-669.0 | ST-5 Black, Vertical Mount, 75-4380 PSI Max, 1-8 GPM, 3/8" FPT Inlet/Outlet, Contact: 1A-250V (48" Wire Length) |
| 8.757-668.0 | ST-6 Vertical/Horizontal Mount, 75-5075 PSI Max, 1-8 GPM, 3/8 MPT Inlet/Outlet, 1 A-250 V (47" Wire Length) |
| 8.757-670.0 | Reed Switch for ST-5 and ST-6 New Style |

FLOW SWITCHES - PHOENIX WITH PILOT



- PSI: 18 - 4000
- GPM: .75 - 16.0
- Temperature: 190°F
- AMP: 3, 120V
- 3/8" F Inlet / Outlet Ports
- 96" Reed Cord
- Includes 8 mm Pilot
- 2.5 lbs.
- Mounting Hole

| PART NO. | DESCRIPTION |
|-------------|-------------------|
| 8.712-252.0 | Switch with Pilot |
| 8.712-253.0 | Reed Switch |

FLOW SWITCHES - LEGACY

Spring return float allows full mounting versatility.

Legacy



- PSI: 4050
- Rated Pressure: 3650
- GPM: 8.0
- Temperature: 175°F
- Vertical Mount
- Forged Brass Body
- 3/8" MPT Inlet / Outlet
- 1 Amp Switch, 230V, 36" Cord
- Solenoid Control

| PART NO. | DESCRIPTION |
|-------------|-------------|
| 8.712-246.0 | Flow Switch |

FLOW SWITCHES - ST-7 WITH MICRO SWITCH



- PSI: 5000
- GPM: 12.0
- Temperature: 176°F
- 3/8" FPT Inlet / Outlet
- Micro Switch
- 10.1 A- 250 V

| PART NO. | DESCRIPTION |
|-------------|---|
| 8.755-296.0 | ST-7 Horizontal or Vertical Mount (47" Wire Length) |

FLOW SWITCHES - GP - TMT



- PSI: 5000
- GPM: 1.5 at PSI: 50
- Minimal Pressure Drop up to 12 GPM Flow
- Activates with 1.5 GPM Flow
- Temperature: 40° - 180°F
- AMP: 5, 250V
- 3/8" F Inlet / Outlet Ports
- 48" Electrical Lead Length
- 1.0 lbs.
- Can be mounted in any position
- Micro-Switch technology eliminates reed switch
- No Spring, uses Magnets for all Movements

| PART NO. | DESCRIPTION |
|-------------|--------------------|
| 8.712-258.0 | Inline Flow Switch |

FLOW SWITCHES - ST-505 STAINLESS-STEEL

- PSI: 75 - 8700
- GPM: 1.0 - 8.0
- Temperature: 176°F
- 3/8" FPT Inlet / Outlet
- Stainless-steel
- 3 A, Max/ 250 V Max
- Free floating brass magnet

| PART NO. | DESCRIPTION |
|-------------|---------------------------------|
| 8.723-665.0 | ST-505 Vertical Mount, 47" Lead |

VAC SWITCHES - BURNER CONTROL

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



- Temperature Max: 140°F
- Heavy-duty, 16 Amp Contacts
- 1/4" FPT Connect

| PART NO. | DESCRIPTION |
|-------------|----------------------|
| 8.712-391.0 | 1.5" (HG) Vac Switch |
| 8.712-392.0 | 2.5" (HG) Vac Switch |
| 8.712-393.0 | 4.5" (HG) Vac Switch |

PRESSURE SWITCHES - LEGACY

Operation without opening switch case:

Blue = Common

CONNECT: Red / Blue = N/C, Blue / Brown = N/O



- PSI: 3600
- Temperature: 200°F
- AMP: 15, 115V or 230V AC
- Stainless-Steel Plunger
- 1/4" and 3/8" MPT Nipple
- 3 Wire, Internally Wired for either N/O or N/C
- 42" Wire Length

| PART NO. | DESCRIPTION |
|-------------|---|
| 8.712-261.0 | Pressure Switch 1/4" MPT (Switches @ 360 PSI) |
| 8.712-262.0 | Pressure Switch 1/4" MPT (Switches @ 580 PSI) |
| 8.751-272.0 | Pressure Switch 3/8" MPT (Switches @ 580 PSI) |

PRESSURE SWITCHES - COMPACT & PS-6 SS

3- & 5-Amp rating provides the switching power to control fuel solenoids just like the large switches.



- Temperature: 194°F
- 1/4" Brass MPT Connect
- 3 Wire Cable for use in either NC or NO application: Blue = Common, Brown = No, Red = NC

| PART NO. | DESCRIPTION |
|-------------|---|
| 8.712-260.0 | Compact Switch- 54" 2 Wire Lead, Normally Open, 5 A- 250 V, 725-3000 Max PSI |
| 8.712-270.0 | PS-6 Switch- 16 A- 250 V, 47" 3 Wire Lead, 4060 PSI MAX, 435 Switching Pressure, SS Plunger |

PRESSURE SWITCHES - PR16 - BLACK

- Rated PSI: 3625
- Max PSI: 4060
- Switching Pressure PSI: 580
- Temperature: 195°F
- AMP: 16, 250V
- Brass Stem and Stainless-Steel Nipple
- 8 oz.
- Normally Open

| PART NO. | INLET | WIRE LENGTH |
|-------------|----------|-------------|
| 9.802-458.0 | 1/4" MPT | 45" Wire |
| 8.716-125.0 | 3/8" MPT | 65" Wire |

PRESSURE SWITCHES - PA - PR1 - RED

- Rated PSI: 8700
- Max PSI: 9570
- Switching Pressure PSI: 640
- Temperature: 195°F
- AMP: 15, 250V
- All Stainless-Steel Construction
- 3/8" Male Inlet
- 10 oz.
- 44" Wire Length

| PART NO. | DESCRIPTION |
|-------------|---------------------------|
| 8.712-267.0 | PR1 - Red Pressure Switch |
| 8.704-572.0 | Heavy-duty Micro Switch |



SWITCHES - TOGGLE - PUSH BUTTON



- 7/16" Mounting Bushing
- 1/2" Diameter Mounting Hole Required
- Mounting Hardware Included
- Non-Illuminated

| PART NO. | DESCRIPTION | HP* | CONNECTS |
|-----------------------------|---|-----|----------|
| 8.712-319.0* | SPST, 20A/125V -10A/250V AC | 1.0 | M/Spade |
| 8.712-320.0 | DPST, 20A/125V -10A/250V AC | | M/Spade |
| 8.709-705.0* | DPST, 20A/125V -10A/250V AC | 1.5 | Screw |
| 8.709-704.0* | DPST, 20A/250V | 2.0 | Screw |
| 8.709-054.0* | SPDT, 20A/125V -10A/250V AC | 3/4 | M/Spade |
| 8.709-065.0* | DPDT, 20A/125V -10A/250V AC | 3/4 | M/Spade |
| 8.716-078.0 | SPST, 20A/125V -10A/250V AC | 1.5 | |
| 8.709-706.0 | Y500 - Switch Guard | | |
| 8.716-081.0 | Waterproof Switch Protector | | |
| PUSH BUTTON SWITCHES | | | |
| 8.709-053.0 | SPST, 3A/250V-6A/125V AC, Miniature- Push Button On/Off | | Screw |
| 8.709-064.0 | SPST, 15A/125V AC, Push Button On/Off | | Screw |

*Motor Rated

SWITCHES - TOGGLE - MOTOR CONTROL



- 20/30 A, 250/600 V DPST
- Rated For: 2, 3, 5 & 7.5 HP, Single Phase
- With or Without Box

| PART NO. | DESCRIPTION |
|-------------|---|
| 8.709-696.0 | Switch Only |
| 8.903-802.0 | Switch & Rain Tight Box with Cover |
| 8.709-708.0 | Switch with NEMA 1 Enclosure: Not Rain Tight (Baldor Replacement) |

SWITCHES - THERMAL - HI-LIMIT - SNAP



8.712-306.0

- PSI: 4000
- AMP: 15 at 110V, AMP: 10 at 220V
- 1/4" Male Spade Lug Terminals
- Normally Closed
- UL / CSA Rated, Bimetal Switch Components
- Heavy-Duty Brass Housing - 7000 PSI Collapse Rating
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- Does not turn back on until water has cooled 50° - 70°F
- Operates as a safety device to shut off burner to prevent machine (water) overheating flashing to steam

| PART NO. | PROBE MPT | TEMP |
|-------------|----------------|-------------|
| 8.712-301.0 | 3/8" x 1/2" | 120°F |
| 8.712-206.0 | 3/8" | 140°F |
| 8.753-450.0 | 3/8" | 160°F |
| 8.712-306.0 | 3/8" x 1/2" | 180°F |
| 8.712-311.0 | 3/8" x 1/2" | 230°F |
| 8.712-179.0 | 1/2" | 180°F |
| 8.712-308.0 | 1/2" | 210°F |
| 8.712-298.0 | 1/2" | 230°F |
| 8.712-316.0 | 1/2" | 330°F |
| 8.705-351.0 | 1/2" FPT x FPT | PVC Coupler |

SWITCHES - THERMAL - HI-LIMIT - SNAP WITH LEADS



- AMP: 15 at 110V, AMP: 10 at 220V
- 1/4" Male Spade Lug Terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors
- UL / CSA Rated, Bimetal Switch Components
- Does not turn back on until water has cooled 50° - 70°F
- Heavy-Duty Brass Housing - 7000 PSI Collapse Rating
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam

| PART NO. | PROBE MPT | WIRE LEAD | TEMP |
|-------------|-----------|----------------|-------|
| 8.712-185.0 | 1/2" | 42" | 225°F |
| 8.712-205.0 | 1/2" | 42" | 340°F |
| 8.751-363.0 | 1/2" | 36" SJO 3 Wire | 180°F |
| 8.712-187.0 | 1/2" | 42" | 275°F |

CONTACTORS - DP - CUTLER-HAMMER

Cutler-Hammer



- Cutler-Hammer Quality
- Type C25 definite purpose contactors feature a compact, efficient design with low-VA coil
- Din Rail Mounting

| PART NO. | COIL VOLTAGE | FL AMPS | MOTOR HP @ 115V 1PH | MOTOR HP @ 230V 1PH | MOTOR HP @ 230V 3PH | MOTOR HP @ 460V 3PH | MOTOR HP @ 575V 3PH |
|--------------|--------------|---------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 8.724-267.0 | 24V | 15 | .75 | 2 | 3 | 5 | 5 |
| 8.724-264.0 | 115V | 15 | .75 | 2 | 3 | 5 | 5 |
| 8.724-265.0 | 230V | 15 | .75 | 2 | 3 | 5 | 5 |
| 8.724-269.0 | 24V | 25 | 2 | 3 | 7.5 | 10 | 10 |
| 8.724-268.0 | 115V | 25 | 2 | 3 | 7.5 | 10 | 10 |
| 8.724-270.0 | 230V | 25 | 2 | 3 | 7.5 | 10 | 10 |
| 8.724-271.0 | 460V | 25 | 2 | 3 | 7.5 | 10 | 10 |
| 8.724-275.0 | 24V | 30 | 2 | 5 | 10 | 15 | 15 |
| 8.724-272.0 | 115V | 30 | 2 | 5 | 10 | 15 | 15 |
| 8.724-273.0 | 230V | 30 | 2 | 5 | 10 | 15 | 15 |
| 8.724-280.0 | 24V | 40 | 3 | 7.5 | 10 | 20 | 20 |
| 8.724-276.0 | 115V | 40 | 3 | 7.5 | 10 | 20 | 20 |
| 8.724-277.0 | 230V | 40 | 3 | 7.5 | 10 | 20 | 20 |
| 8.724-278.0 | 460V | 40 | 3 | 7.5 | 10 | 20 | 20 |
| 8.724-283.0 | 24V | 50 | 3 | 10 | 15 | 30 | 30 |
| 8.724-281.0 | 115V | 50 | 3 | 10 | 15 | 30 | 30 |
| 8.724-282.0 | 230V | 50 | 3 | 10 | 15 | 30 | 30 |
| 8.724-286.0 | 24V | 60 | 5 | 10 | 20 | 40 | 40 |
| 8.724-284.0 | 115V | 60 | 5 | 10 | 20 | 40 | 40 |
| 8.724-285.0 | 230V | 60 | 5 | 10 | 20 | 40 | 40 |
| 8.735-015.0* | 115V | 65 | 5 | 15 | 25 | 50 | 60 |

*includes aux contact block

SWITCHES / CONTACT BLOCKS - PUSH BUTTON - CUTLER-HAMMER

Cutler-Hammer

- Cutler-Hammer Quality
- Heavy-Duty
- Water Tight / Oil Tight



8.751-916.0



8.751-915.0



8.751-910.0



8.751-912.0

| PART NO. | MODEL NO. | DESCRIPTION |
|-------------|-------------|--|
| 9.803-666.0 | CH C320KGS3 | Aux Contact-N/O, N/C, 10A, Standard, Side Mounting |
| 8.751-912.0 | M22-K01 | Contact Block-SPST-NC, 6A, 120V, Screw Terminal |
| 8.751-913.0 | M22-K10 | Contact Block-SPST-NO for Non-Illum., Push Button, 6A, 500V, Screw Terminal |
| 8.751-916.0 | M22S-D-G | Switch, Green Push Button-SPST-NO, 22mm,Momentary, Flush Button, 6A, 500V, Screw Clamp Term. |
| 8.751-915.0 | M22S-DH-R | Switch, Red Push Button- SPST-NO/NC, 22mm, Momentary, Extended Button, 6A, 500V |
| 8.751-910.0 | M22S-WKV | Selector Switch Actuator- 22mm, 2 Position, Maintained, Non-Illum, Panel Mount |

OVERLOAD RELAYS FOR CONTACTORS

Cutler-Hammer



- Cutler-Hammer Quality
- Direct Heated Bimetal Elements
- Adjustable Trip Current
- Manual / Automatic Reset

| PART NO. | AMP RANGE | MODEL # |
|-------------|-------------|--------------|
| 8.724-300.0 | 1.6 - 2.4 | XTOB2P4CC1DP |
| 8.724-301.0 | 2.4 - 4.0 | XTOB004CC1DP |
| 8.724-302.0 | 4.0 - 6.0 | XTOB006CC1DP |
| 8.724-303.0 | 6.0 -10.0 | XTOB010CC1DP |
| 8.724-312.0 | 10.0 - 16.0 | XTOB016CC1DP |
| 8.724-304.0 | 16.0 - 24.0 | XTOB024CC1DP |
| 8.724-305.0 | 24.0 -32.0 | XTOB032CC1DP |
| 8.724-306.0 | 24.0 - 40.0 | XTOB040DC1DP |
| 8.724-307.0 | 40.0 - 57.0 | XTOB057DC1DP |

RELAY SWITCH



| PART NO. | DESCRIPTION |
|-------------|---|
| 8.716-087.0 | DPST-NO, 24V, Screw Terminal, Omron 2000 Series |

POWER CORD - MOLDED

- Water Tight
- Factory Finished Look

| PART NO. | DESCRIPTION |
|-------------|-------------------|
| 8.752-150.0 | 6' 14/3 with Plug |

RELAYS



9.802-468.0



8.716-230.0



9.802-467.0



9.802-470.0



8.716-264.0



8.716-257.0

| PART NO. | DESCRIPTION |
|-------------|--|
| 9.802-468.0 | Compact Relay with Light & Button- 10A, 120V, 4170 Ohms with indicator, DPDT, Socketable Mount RH2B UI AC120 |
| 9.802-467.0 | Relay Socket/Base- 8 Pin, 2 Pole, 10A / 300V, DIN Rail Mount, M3.5 Screw, RH2B Series |
| 8.716-230.0 | Relay- 10A/24V AC, Midget, 153 Ohms, DPDT, Socketable Mount, RH2B |
| 8.716-264.0 | Power Relay-120V, Tab Mount, 30A SPST-NO-DM, 1/4" Terminals for SKHT-1X |
| 8.716-257.0 | Power Relay- 40A / 120V AC, SPDT, PCB/Chassis Mount |
| 9.802-470.0 | Mini Iso Relay- 40A / 12V, SPDT, for 12V DC Units, 13HP & Below |
| 9.802-471.0 | Mini Relay- 40A / 24V DC, SPDT, for 12V DC Units over 13HP |

CAM SWITCHES - ROTARY - SALZER

- Single or Three Phase
- 2 Position or 3 Position
- Heavy-Duty



9.802-449.0

| PART NO. | DESCRIPTION |
|-------------|-------------------------------------|
| 9.802-450.0 | 2-Position 35A-115V/600V, 1-3 Phase |
| 9.802-449.0 | 3-Position 115V / 230V, 1PH, 20 Amp |
| 8.716-027.0 | 3-Position 230V / 460V, 3PH |
| 8.716-030.0 | Rotary Switch |

MOTOR CONTACTORS - COILS & THERMAL OVERLOADS

For pressure washer and car wash applications.

- 24V AC Control
- 10 - 240V, 30 - 240V or 480V Contractor
- 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



Contactor



Coil



Thermal Overload

| TYPE | 24V COIL PART NO. | 120V COIL PART NO. | 230V COIL PART NO. | FL AMP | 220V 10 HP | 220V 30 HP | 440V 30 HP |
|-----------------------------|----------------------|-----------------------|-----------------------|--------|------------|------------|------------|
| CONTACTORS UL RATING | | | | | | | |
| A | 8.708-753.0 | 8.902-527.0 | 8.902-532.0 | 22 | 2 | 3 | 5 |
| B | 8.708-754.0 | | 8.902-533.0 | 24 | 2 | 5 | 7.5 |
| C | | | 8.902-534.0 | 32 | 3 | 5 | 10 |
| D | 8.902-524.0 | | - | 40 | 5 | 7.5 | 15 |
| E | 8.902-526.0 | | 8.902-536.0 | 52 | 7.5 | 10 | 20 |

| PART NO. | VOLTAGE | FITS CONTACTOR |
|--------------------|---------|----------------|
| COILS ONLY | | |
| 8.708-765.0 | 480v | A,B,C,D |

| PART NO. | TYPE | AMP RANGE | FITS CONTACTOR |
|--------------------------|--------|-----------|----------------|
| THERMAL OVERLOADS | | | |
| 8.708-749.0 | Manual | 9.0 - 15 | A,B,C,D |
| 8.708-760.0 | Manual | 17 - 26 | A,B,C,D |
| 8.708-742.0 | Manual | 20 - 33 | C,D |
| 8.708-744.0 | Manual | 28 - 42 | C,D |
| 8.708-750.0 | Auto | 9.0 - 15 | A,B,C,D |
| 8.708-743.0 | Auto | 20 - 33 | C,D |
| 8.708-747.0 | Auto | 35 - 50 | E,F |

- Used to Mount Overload to Motor Starter Contactors

| PART NO. | FITS CONTACTOR |
|----------------------------|--------------------------------|
| RELAY CONNECTOR KIT | |
| 8.708-768.0 | Relay Connector Kit 260265-268 |
| | A,B,C,D |

TRANSFORMERS - STEP-DOWN

■ Industrial Duty



8.716-899.0

■ High-Quality Cutler-Hammer



9.802-553.0

■ Drops primary voltage to selected secondary voltage



8.716-904.0

| PART NO. | PRIMARY V | SECONDARY V | SIZE |
|-------------|----------------|-------------|---------|
| 9.802-553.0 | 120V/240V | 24V | .050KvA |
| 8.716-904.0 | 120V/240V | 24V | .100KvA |
| 8.716-883.0 | 208V/230V/460V | 24V/115V | .050KvA |
| 9.804-556.0 | 208V/277V | 120V | .050KvA |
| 8.716-882.0 | 208V/277V | 120V | .075KvA |
| 9.802-550.0 | 240V/480V | 120V/240V | .500KvA |
| 9.802-552.0 | 240V/480V | 120V | .075KvA |
| 9.802-551.0 | 240V/480V | 120V | .050KvA |
| 9.803-668.0 | 550V/575V/600V | 115V | .050KVA |

MOTOR STARTER WITH SEALED BOX - MANUAL

■ AMP: 25 with Adjustable Overload

■ Adjustment Range AMPS: 20-25

■ Sealed Box: 3-1/4" W x 3-1/2" D x 6-1/2" H

■ 110-500V IEC-Rated

■ Two-Cord Grip Fit 1/2" Threaded Knockouts

■ Protective Cover Over Buttons

■ Single and 3-Phase Wiring Instructions



| PART NO. | DESCRIPTION |
|-------------|---------------|
| 8.709-709.0 | Motor Starter |

JUNCTION BOXES



| PART NO. | DESCRIPTION |
|-------------|--|
| 9.802-474.0 | VNG Remote, Plastic |
| 8.716-271.0 | Fiberglass, NEMA1 for PE Units |
| 8.716-272.0 | 12" x 10" x 5.25" for Solid Sep |
| 9.802-475.0 | 8" x 8" x 4", Box, Plastic with Lid for SEA 3-1100 |
| 9.802-476.0 | 10" x 8" x 6", Box, Plastic with Lid for SEA |
| 9.802-477.0 | Box, Plastic without Lid E9081 |
| 9.802-478.0 | Lid, Plastic for 9.802-477.0 |
| 8.716-280.0 | 18" x 16" x 9.25", Plastic for CLP, WB |
| 8.716-281.0 | 14" x 16" x 6.75", Plastic for HBG, AMC |
| 8.716-320.0 | Cover, Duplex Receptacle for Alpha |
| 8.716-321.0 | 2" x 4", 3-Hole, 1/2" WB, for CLP |
| 8.716-322.0 | 2" x 4", Extension for 8.716-321.0, 8.716-323.0, 8.716-324.0 |
| 8.716-323.0 | 2" x 4", 5-Hole, 1/2" for CLP |
| 8.716-324.0 | 2" x 4", 4-Hole, 1/2" for CLP |
| 8.716-327.0 | 4" x 4", 5-Hole, 1/2" for WB |
| 8.716-329.0 | 4" x 4" SK, Cover Plate for WB for 6-00041 |
| 9.802-483.0 | 2" x 4", Cover Plate for 8.716-321.0 |
| 9.802-484.0 | 2" x 4", Junction 3-Hole, 3/4" |
| 8.716-339.0 | 2" x 4", 3-Hole, 1" for ENG |

SWITCH BOX - RAINTITE

- UL 728A
 - Box: 2-3/4" x 5-1/2" x 2"
 - Three 1/2" Tapped Holes
- Box includes two plugs, ground screw and mounting lugs
 - Cover Includes Gasket



| PART NO. | DESCRIPTION |
|-------------|---------------------|
| 8.709-702.0 | RainTite Switch Box |

TIMER

■ Preset and Adjustable Available

■ 24-240V

■ Heavy-Duty



| PART NO. | DESCRIPTION |
|-------------|---|
| 9.802-472.0 | Solid State, 5-60 Min, 15 Sec with Lockout for Auto Start |

CIRCUIT BREAKERS

■ Provides protection against excessive Amp draw



| PART NO. | DESCRIPTION |
|-------------|--------------------------|
| 9.802-485.0 | 25 Amp (All 12V Systems) |

FUSES

■ Full range of fuses

■ Protect your equipment



| PART NO. | CODE | MAX V | AMPS |
|-------------|------------|-------|------|
| 9.802-463.0 | FNM1/2 | 250V | 0.5 |
| 9.802-464.0 | FNM8/10 | 250V | 0.8 |
| 8.716-173.0 | FNM1 | 250V | 1.0 |
| 9.803-977.0 | FNM2-1/2 | 250V | 2.5 |
| 8.716-187.0 | FNM3 | 250V | 3.0 |
| 9.803-664.0 | FNM5 | 250V | 5.0 |
| 8.716-194.0 | FNM7 | 250V | 7.0 |
| 9.802-460.0 | FNM8 | 250V | 8.0 |
| 8.716-165.0 | FNM10 | 250V | 10.0 |
| 8.716-191.0 | FNQ3/10 | 500V | 0.3 |
| 8.716-192.0 | FNQ6/10 | 500V | 0.6 |
| 9.802-465.0 | FNQ-R-3 | 600V | 3.0 |
| 8.716-169.0 | KTK-R1/4 | 600V | 0.25 |
| 9.802-462.0 | KTK-R1/2 | 480V | 0.5 |
| 8.933-007.0 | KTK-R1 | 240V | 1.0 |
| 8.716-177.0 | KTK-R1-1/2 | 600V | 1.5 |
| 9.803-663.0 | KTK-R2 | 120V | 2.0 |
| 8.716-179.0 | KTK-R2-1/2 | 600V | 2.5 |
| 8.716-180.0 | KTK-R4 | 600V | 4.0 |
| 9.804-050.0 | KTK-R5 | 600V | 5.0 |
| 8.716-183.0 | KTK-R30 | 600V | 30.0 |
| 8.716-170.0 | MDL1/2 | 120V | 0.5 |
| 8.716-172.0 | MDL1 | 250V | 1.0 |
| 8.716-174.0 | MDL2-1/2 | 24V | 2.5 |
| 8.716-188.0 | MDL5 | 250V | 5.0 |
| 8.716-161.0 | MDL7-1/2 | 250V | 7.5 |

CAM SWITCHES - 3-POSITION - MACHINE CONTROL

- 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
- 4-Screw Mounting



| PART NO. | MODEL | AMP RATING | VOLTAGE | PHASE |
|--|------------------|------------|---------|-------|
| 8.712-219.0* | S220-1686 | 20 | 110V | 1 |
| 8.712-224.0* | S220-1687 | 20 | 220V | 1 |
| 8.712-225.0* | S220-1688 | 20 | 220V | 3 |
| 8.712-227.0* | S225-1686 | 30 | 110V | 1 |
| 8.712-228.0* | S225-1687 | 30 | 220V | 1 |
| 8.712-229.0* | S225-1688 | 30 | 220V | 3 |
| 8.712-234.0 | S432-4095 | 40 | 240V | 1 |
| 8.712-235.0 | S432-1402 | 40 | 480V | 3 |
| SINGLE-HOLE MOUNTING - REQUIRES 1 22MM (7/8" DIA) HOLE | | | | |
| 8.712-218.0 | 220-1789 | 20 | 110V | 1 |
| *REPLACEMENT KNOB - FITS THOSE PART NUMBERS ABOVE MARKED WITH AN ASTERISK (*) | | | | |
| 8.700-258.0 | Replacement Knob | | | |

CAM SWITCHES WITH & WITHOUT BOX

Cam action fast "make-break" to reduce arcing.

- 40 - 60 Amp disconnect rating
- Four 1/2" Knock-Outs
- Versatile Mounting
- Motor Ratings:
7.5 HP at 240V, Single Phase
5.0 HP at 240V, 3 Phase
30.0 HP at 480V, 3 Phase



| PART NO. | DESCRIPTION |
|-------------|---|
| 8.712-217.0 | 40 Amp Switch with Large Box 4-1/2" W x 7" H x 3-3/4" D |
| 8.712-211.0 | 60A/600V, 4P, Salzer Switch Only, No Knob |

Note: Switch does not have thermal overload protection

CAM SWITCHES - 3-POSITION -SALZAR "BIG BOOT"

Large rectangular boot for easier wiring.

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



| PART NO. | MODEL | AMP RATING | VOLTAGE | PHASE |
|--|-----------|------------|---------|-------|
| 8.712-238.0 | T225-1686 | 30 | 110V | 1Ø |
| 8.712-241.0 | T225-1688 | 30 | 240V | 3Ø |
| SINGLE-HOLE MOUNTING - REQUIRES ONE 22 MM (7/8" DIA) HOLE | | | | |
| 8.712-223.0 | 220-1843 | 20 | 220V | 1Ø |

CAM SWITCHES - 3-POSITION - "ELEKTRA" UNIVERSAL

UL/CSA-rated machine control cam switches.

- 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
- "Tite Boot" excellent dust and moisture seal
- Screw-to-screw, terminal-to-terminal replacement for Salzer "S" and "J" type switches above
- Contacts UL / CSA Rated: 24 Amp vs 20 Amp, 35 Amp vs 30 Amp, 50 Amp vs 40 Amp



8.712-236.0



8.712-237.0



8.712-240.0

| PART NO. | AMP RATING | WIRING POLES | VOLTAGE | PHASE | HP RATING |
|-------------|------------|--------------|-------------|-------|-----------|
| 8.712-236.0 | 25 | 1 | 120V | 1 | 1.5 |
| 8.712-237.0 | 25 | 2 | 120V / 240V | 1 | 1.5 / 2.0 |
| 8.712-240.0 | 35 | 2 | 120V / 240V | 1 | 2.0 / 3.0 |
| 8.712-242.0 | 50 | 2 | 120V / 240V | 1 | 3.0 / 7.5 |

Note: None of the Elektra switches are for use on 3-phase motors without adding fuses or thermal overload

CAM SWITCHES - ON / OFF WITH BOX - "ELEKTRA"

UL/CSA-rated 25 and 35 Amp. Compact 3-1/4" square x 3-3/4" deep enclosure "versatile mount."



| PART NO. | AMP RATING | WIRING POLES | VOLTAGE | PHASE | HP RATING |
|-------------|------------|--------------|-------------|-------|-----------|
| 8.712-214.0 | 25 | 2 | 120V / 240V | 1 | 1.5 / 2.0 |
| 8.712-216.0 | 35 | 2 | 120V / 240V | 1 | 2.0 / 3.0 |

Note: None of the Elektra switches are for use on 3-phase motors without adding fuses or thermal overload

ROCKER SWITCHES

2500 Watt, 120V, 21.6 Amp at 3,600 RPM

- On / Off, 2 & 3 Position
- Lighted Available
- 125V / 250V / 24V



9.802-453.0



8.716-051.0



9.802-451.0



9.802-452.0

| PART NO. | DESCRIPTION | AMP | VOLTAGE |
|-------------|---------------------------------|---------|-------------------|
| 9.802-453.0 | Curvette, SPST, 2-Pos, Carling | 16 / 10 | 120V / 250V |
| 8.716-051.0 | Curvette, DPST, 2-Pos, Carling | 20 / 15 | 125V / 250V |
| 9.802-451.0 | Carling, Green Light, 2-Pos | 15 / 10 | 125V / 250V |
| 9.802-452.0 | Green Lamp, Red Actuator, 3-Pos | 15 / 10 | 125V / 250V |
| 8.716-037.0 | Rocker Switch | 15 / 10 | 125V / 250V / 24V |

Prices effective Jan. 1, 2024. Specifications, product descriptions, product availability, and pricing subject to change without notice.

ELECTRICAL COMPONENTS

GENERATOR - WINCO- AC- TB2400

2400 Watt, 120 VT, 3600 RPM, 20 Amps.



- 13.3" L x 7.6" W x 8.1" H
- 33 lbs.
- Starts and Runs 1/2 HP Motor
- 7/8" diameter shaft
- Conforms to UL1004-1, UL1004-4 and CSA 22.2 No. 100-24

| PART NO. | DESCRIPTION |
|-------------|------------------|
| 8.757-639.0 | TB2400 Generator |

THERMOSTAT - PROBE STYLE

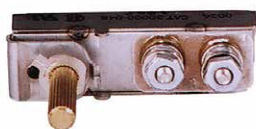
With panel-mount controls



- PSI: 4000
- Temperature change response within + 12°F
- Accuracy + 2.5%
- 120VAC-20A
- 240VAC-20A
- 120/240VAC-1/4HP
- Large, Easy-Read Dial
- 3-1/2" SS Capillary Copper Immersion bulb with 60" capillary tube. UL/CSA Approved
- Seal, nut and 1/2" transition coupling included

| PART NO. | DESCRIPTION |
|-------------|-------------|
| 8.758-149.0 | 86-302 Deg |
| 8.758-180.0 | 86-195 Deg |
| 8.758-181.0 | 86-250 Deg |

THERMOSTAT - ADJUSTABLE - FLOW-THRU



- PSI: 3000
- Adjustable Temperature: 85° - 195°F
- AMP: 10, 110V
- AMP: 5, 220V
- 1/2" Inlet, 3/8" Outlet
- Fenwall Inside
- Tension Adjusting Screw
- Stop Collar
- Ceramic Insulation
- Silver Contacts
- Stainless-Steel Case

| PART NO. | DESCRIPTION |
|-------------|-------------|
| 8.904-555.0 | Thermostat |
| 8.700-501.0 | Switch Only |

GENERATOR - VOLTMASTER

2500 Watt, 120V, 21.6 Amp at 3,600 RPM



- 36.5 lbs.
- Brushless Design
- Circuit breaker protection (standard)
- 7/8" Shaft, Two Sealed (Ball) Bearings
- Shaft rotates either direction
- Industrial-Type Watertight Enclosure (11-5/8" x 7-1/2" Diameter)
- All Copper Windings, High Surge Capacity

| PART NO. | DESCRIPTION |
|-------------|---------------------|
| 8.709-810.0 | 2500 Watt Generator |

CAM SWITCHES - 2-POSITION



- 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 |
|-------------|---------------|
| 8.712-213.0 | 25 Amp / 110V |
| 8.712-215.0 | 30 Amp / 220V |

INDICATOR LIGHTS



- Easy Mounts to Control Panel
- Available in 12V, 24V and 125V
- Great for remote applications

| PART NO. | VOLTAGE | COLOR |
|-------------|---------|-------|
| 8.716-095.0 | 125V | Red |
| 9.802-455.0 | 125V | Green |
| 8.716-408.0 | 125V | Amber |
| 9.803-651.0 | 28V | Red |
| 9.803-652.0 | 28V | Green |
| 8.716-097.0 | 12V | Red |
| 9.802-456.0 | 12V | Green |

BREAKER SWITCHES



| PART NO. | DESCRIPTION | PHASE |
|-------------|--------------------|-------|
| 8.716-067.0 | 7.5 HP, 230V, 1400 | 1PH |
| 8.716-068.0 | 7.5 HP, 230V, 1400 | 3PH |
| 8.716-069.0 | 7.5 HP, 460V, 1400 | 3PH |
| 8.716-073.0 | 10A / 460V, 900 | 3PH |
| 8.716-074.0 | 12A / 480V | 3PH |
| 8.716-076.0 | 20A / 277V, 900 | 3PH |
| 8.716-070.0 | 25A / 250V, 2255 | 3PH |
| 8.716-077.0 | 30A / 277V, 900 | 1PH |
| 8.716-066.0 | 40A / 230V, 1070 | 1PH |

WIRE LOOMS - USED 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 |
|-------------|-------------------|
| 8.709-679.0 | 1/4" ID 100' Roll |
| 8.709-680.0 | 3/8" ID 100' Roll |
| 8.709-681.0 | 1/2" ID 100' Roll |
| 8.709-682.0 | 5/8" ID 100' Roll |

GFCI MODULE

Not recommended for field service.



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

| PART NO. | DESCRIPTION | PHASE |
|-------------|-------------|-------|
| 8.709-858.0 | GFCI Module | 1PH |

TAPE - VINYL ELECTRICAL



- Premium Grade, 7 mil
- UL-Approved

| PART NO. | DESCRIPTION |
|-------------|-----------------|
| 8.704-706.0 | Roll 3/4" x 60' |

CONNECTOR CLAMPS - ROMEX (METAL)



| PART NO. | DESCRIPTION |
|-------------|----------------------|
| 8.709-663.0 | 1/2" Strt. Connector |
| 8.709-664.0 | 3/4" Strt. Connector |
| 8.709-660.0 | 1/2" Lock Nut Only |
| 8.709-661.0 | 3/4" Lock Nut Only |

CORD CAPS & PLUGS



| | | | |
|-------------|-------------|-------------|-------------|
| 8.709-653.0 | 8.709-655.0 | 8.709-656.0 | 8.709-659.0 |
|-------------|-------------|-------------|-------------|

- Industrial-Quality
- Dead front cord caps - nylon body straight plugs and "auto-clamp" for cord
- 8.709-659.0 angle plug has vinyl body and both 30A and 50A neutral leg

| PART NO. | DESCRIPTION | MATERIAL |
|-------------|-------------|-------------|
| 8.709-653.0 | 15A / 125V | Black Nylon |
| 8.709-655.0 | 20A / 125V | Black Nylon |
| 8.709-656.0 | 20A / 220V | Black Nylon |

CONNECTOR / STRAIN RELIEFS - LIQUID TIGHT - FOR CABLE, WIRE & TUBING

Keep water-tight NEMA-4 and 4x enclosures water-tight with these unique fittings.

DOMED NUT WITH INSIDE TAPER

- As the dome nut is tightened, the seal ring grips, holding the cable wire or tubing positively in place.

**LEAD-SCREW THREAD**

- The dome nut can be firmly tightened due to the high strength lead-screw thread.

CLAMPING SPLINES

- Various sizes and odd-shaped cables, wires and tubing can be accommodated due to overlapping diagonally split clamping splines



| PART NO. | TYPE | THREAD | CORD SIZE | CORD OD | LENGTH |
|-------------|------|----------|-----------|---------------|--------|
| 9.802-514.0 | Dome | 1/2" NPT | 14/3-12/3 | .230" - .470" | 1.8" |
| 8.709-688.0 | Dome | 3/4" NPT | 14/3-12/3 | .350" - .630" | 2.0" |
| 8.709-690.0 | Flex | 1/2" NPT | 14/3-12/3 | .230" - .470" | 4.3" |
| 8.709-692.0 | Flex | 3/4" NPT | 12/3-10/4 | .51" - .71" | 5.2" |

| PART NO. | THREAD |
|-------------------------|----------|
| PLASTIC JAM NUTS | |
| 9.802-526.0 | 3/4" NPT |

GFCI - WITH AND WITHOUT PLUGS & CORDS

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

- UL-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



Integrated GFI & Plug



| PART NO. | VOLTAGE | AMP | LENGTH | INTEGRATED |
|-------------------------------|---------|-----|--------|------------|
| GFCI CORD WITHOUT PLUG | | | | |
| 8.709-842.0 | 120V | 20A | 12' | N/A |
| 8.709-860.0 | 240V | 30A | 6' | N/A |
| 8.709-861.0 | 240V | 30A | 12' | N/A |
| 8.709-862.0 | 240V | 30A | 35' | N/A |
| 9.802-434.0 | 240V | 40A | 36' | N/A |
| GFCI CORD WITH PLUG | | | | |
| 9.802-432.0* | 120V | 15A | 36' | Combo |
| 9.802-431.0* | 120V | 20A | 36' | Combo |
| 9.802-433.0 | 240V | 20A | 36' | Separated |
| 8.709-853.0 | 240V | 30A | 6' | Separated |
| 8.709-854.0 | 240V | 30A | 12' | Separated |
| 8.709-855.0 | 240V | 30A | 35' | Separated |
| 9.802-430.0 | 240V | 30A | 36' | Separated |
| GFCI PLUG WITHOUT CORD | | | | |
| 8.709-847.0 | 120V | 15A | N/A | N/A |
| 8.709-846.0 | 120V | 20A | N/A | N/A |

Note: User-attached plug also includes the sealant necessary to attach the power cord per UL specification

* Integrated GFI & Plug