

ELECTRICAL COMPONENTS

Kärcher 500 Flow Switch



Vertical mounting or versatile mounting.



- Viton seals
- For solenoid control only
- 1-8 GPM
- 4350 PSI
- 3/8" FPT Inlet / Outlet
- 190°F
- 1 Amp switch
- 2 Wire Reed
- Heavy-duty machine brass internals
- 63" Wire length

Part No.	Original No.	Description
8.712-244.0	410305A	Vertical Mount Only
8.933-006.0		Mount in Any Position (Gray)
9.803-266.0	109672	Reed Switch Only (2 wire)

Legacy Flow Switch



Allows for mounting versatility.



- 4050 PSI
- 3500 rated pressure
- Horizontal or vertical mount
- Forged brass body
- 48" Wire length
- 2 Wire Reed
- 3/8" MPT inlet/outlet
- 8 GPM
- 190°F
- One Amp switch
- Solenoid control

Part No.	Original No.	Description
8.712-246.0	410307P	Flow Switch
9.803-266.0	109672	Reed Switch Only

Flow Switch



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

Part No.	Orig. No.	Description
8.712-243.0	410305	ST-5 – Vertical Mnt Only (48" wire length)
8.712-245.0	410306	ST-6 – Horiz. or Vert. Mnt (47" wire length)
9.803-266.0	109672	Reed Switch (AP) (2 wire)
8.704-122.0	109675	ST-5 – Reed Switch
8.704-121.0	109673	ST-6 – Reed Switch

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.	Original No.	Description
8.712-252.0	410320	Switch with Pilot
8.712-253.0	410322	Reed Switch

7300 PSI SS Flow Switch

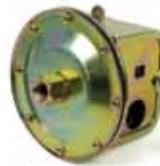


- 7300 PSI
- Stainless Steel
- 176°F
- 3/8" inlet/outlet
- 47" wire length
- 1 - 8 GPM

Part No.	Original No.	Description
8.723-665.0	87236650	ST-505 Flow 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.	Original No.	Description
8.712-391.0	413031	1.5" (HG) Vac Switch
8.712-392.0	413032	2.5" (HG) Vac Switch
8.712-393.0	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
- 42" wire length

Part No.	Original No.	Description
8.712-261.0	411060	Pressure Switch (Switches@360 PSI)
8.712-262.0	411060-40	Pressure Switch (Switches@580 PSI)
8.712-272.0		Pressure Switch 3/8" MPT (Switches@580 PSI)
8.701-311.0	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 max rating
- 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.	Original No.	Description
8.712-260.0	411050	Compact Pressure Switch

Black Pressure Switch



- Brass stem and stainless steel nipple
- 3,600 PSI
- 580 PSI switching pressure
- 45" wire length
- 195°F
- 1/4" male inlet
- 15 amp
- Weight: 8 oz
- 250 volts

Part #	Old No.	Description
9.802-458.0	6-021720	Black Pressure Switch

Red Pressure Switch



- All stainless steel construction
- 5,800 PSI
- 640 PSI switching pressure
- 44" wire length
- 195°F
- 3/8" male inlet
- 15 amp
- Weight: 10 oz
- 250 volts

Part #	Old No.	Description
8.712-267.0	411065	Red Pressure Switch
8.704-572.0	111459	Heavy-duty Micro Switch

Toggle / Push Button Switch



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

Part #	Old No.	Description	HP*	Connects
8.712-319.0	411605*	SPST, 20A/110V	1.0	m/spade
8.712-320.0	411607	DPST, 20A/110V		m/spade
8.709-705.0	337206*	DPST, 20A/125V	1.5	screw
8.709-704.0	337205*	DPST, 20A/250V	2.0	screw
8.709-054.0	285140*	SPST, 20A/120V	3/4	m/spade
8.709-065.0	285189*	DPST, 20A/120V	3/4	screw
8.716-078.0		SPST, 20A/120V	1.5	
8.709-706.0	337207	Switch Guard		
8.716-081.0		Waterproof Switch Protector		

Push Button Switches

8.709-053.0	285139	SPST, 5A/120V Push on/ push off	screw
8.709-064.0	285187	SPST, 15A/120V Push and hold on/ release off	screw

*Motor rated

30 AMP Toggle Switch



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

Part #	Old No.	Description
8.709-696.0	337187	Switch only
8.903-802.0	337188	Switch & Rain Tight Box
8.709-708.0	337210*	Switch w/ NEMA 1 Box

*Not Rain Tight (Baldor Replacement)

High Limit Switch



8.712-305.0

- 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 (7,000 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 #	Old No.	Probe MPT	Temperature
8.712-301.0	411254	3/8"	120°F
8.712-206.0		3/8"	140°F
8.712-304.0	411262	3/8"	170°F
8.712-306.0	411266	3/8"	180°F
8.712-311.0	411276	3/8"	230°F

8.712-179.0		1/2"	180°F
8.712-308.0	411270	1/2"	210°F
8.712-298.0		1/2"	230°F
8.712-313.0		1/2"	250°F
8.712-316.0	411332	1/2"	330°F

8.705-351.0	141538	1/2"	PVC Coupler
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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 (7,000 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 #	Probe MPT	Wire Lead	Temperature
8.712-185.0	1/2"	42"	225°F
8.712-205.0	1/2"	42"	330°F

EATON Cutler-Hammer DP Contactors

Cutler-Hammer



- Cutler-Hammer quality
- Type C25 definite purpose contactors feature a compact, efficient design with low VA coil
- Din rail mounting

Part #	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
8.724-266.0	460v	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
8.724-274.0	380v	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
8.724-279.0	380v	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

XT Overloads for DP Contactors

Cutler-Hammer



- Cutler-Hammer quality
- Direct heated bimetal elements
- Adjustable trip current
- Manual/automatic reset

Part #	Amp Range
8.724-297.0	0.4 - 0.6
8.724-298.0	0.6 - 1.0
8.724-299.0	1.0 - 1.6
8.724-300.0	1.6 - 2.4
8.724-301.0	2.4 - 4.0
8.724-302.0	4.0 - 6.0
8.724-303.0	6.0 - 10.0
8.724-312.0	10.0 - 16.0
8.724-304.0	16.0 - 24.0
8.724-305.0	24.0 - 32.0
8.724-306.0	24.0 - 40.0
8.724-307.0	40.0 - 57.0

Push Button & Contact Blocks

Cutler-Hammer



8.751-912.0

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



8.751-916.0



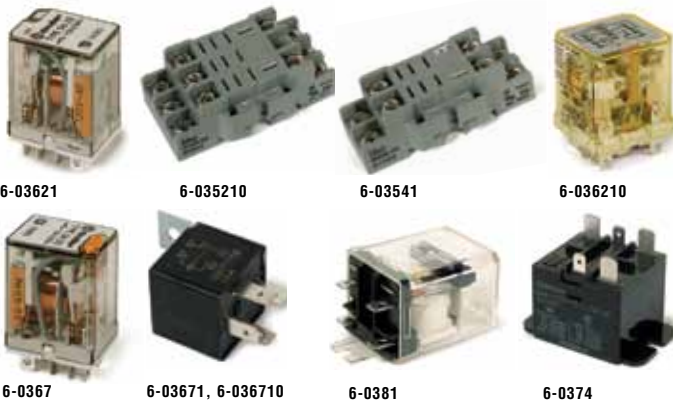
8.751-915.0



8.751-910

Part #	Old No.	Model No.	Description
9.803-666.0	6-2004	CH C320KGS3	Contact Block, N/O, N/C
8.751-912.0		M22-K01	Contact Block, N/C
8.751-913.0		M22-K01	Contact Block, N/O
8.751-916.0		M22S-D-G	Switch, Green Push Button
8.751-915.0		M22S-DH-R	Switch, Red Push Button
8.751-910.0		M22S-WKV	Switch, 2-position Lever
8.751-914.0		M22S-LOK3	Switch, Selector

Relays



6-03621 6-035210 6-03541 6-036210
 6-0367 6-03671, 6-036710 6-0381 6-0374

Part #	Old No.	Description
9.802-468.0	6-03621	120V, RH2B-UI-AC120 for Pressure Washers
8.716-209.0	6-03521	240V, RH2B-UI-AC240
9.802-466.0	6-035210	Socket, SH3B05*IDEC for Auto Start
9.802-467.0	6-03541	Base, SH2B-05 for IDEC
9.802-469.0	6-036210	Latch 2, RH2LBUAC120*IDEC Auto Start
8.716-230.0	6-0367	24V, IDEC CLP
8.716-264.0	6-0381	Power Deltrol, 120V for SJ-5
8.716-257.0	6-0374	Relay, Power Omron G4B112T1FDCUSR PAC120 for Delta/Alpha
9.802-470.0	6-03671	P&B/VF4-41F11, 12VDC, 40 Amp for 12VDC Units 13 HP & Below
9.802-471.0	6-036711	Relay, P&B, 24V/40 A for 12 VDC Units over 13 HP

Step-Down Transformers



6-6031 6-60121 6-6035

- Industrial duty
- High-quality Cutler Hammer
- Drops primary voltage to selected secondary voltage

Part #	Old No.	Primary Voltage	Secondary Voltage	Size
8.716-593.0	6-05234	600V	120-240V	1.0KvA
8.716-899.0	6-6031	380/400/415	110/220V	.750KvA
9.802-553.0	6-60121	120/240V	24V	.050KvA
8.716-904.0	6-6035	120/240V	24V	.100KvA
8.716-883.0	6-60161	208/230/460V	24/115V	.050KvA
9.804-556.0	6-60141	208/277V	120V	.050KvA
8.716-882.0	6-60151	208/277V	120V	.075KvA
9.803-971.0	6-6025	380V	24V	.050KvA
8.716-875.0	6-60051	240/480V	120/240V	.200KvA
9.802-550.0	6-60021	240/480V	120/240V	.500KvA
9.802-552.0	6-60111	240/480V	120V	.075KvA
9.802-551.0	6-60101	240/480V	120V	.050KvA
9.803-668.0	6-60131	550V/575/600V	115V	.050KvA

Junction Boxes



6-0390 6-03901 6-03904
 6-03907 6-03909 6-03910
 6-03912, 6-03913, 6-03906 6-0409 6-0410
 6-04101 6-04104

Part #	Old No.	Description
9.802-474.0	6-0390	NG/LPG Remote, Plastic
8.716-269.0	6-03901	12" x 12" x 4", Metal NG/LPG Remote Box
8.716-271.0	6-03904	Fiberglass, NEMA4
8.716-272.0	6-03906	12" x 10" x 5.25" for Solid Sep
9.802-475.0	6-03907	8" x 8" x 4", for HD 2.8/10 St
9.802-476.0	6-03909	10" x 8" x 6", Box, Plastic with Lid for HD Cabinet
9.802-477.0	6-03910	Box, Plastic without Lid E9801
9.802-478.0	6-03911	Lid, Plastic for 9.802-478.0
8.716-280.0	6-03912	18" x 16" x 9.25", Plastic
8.716-281.0	6-03913	14" x 16" x 6.75", Plastic
8.716-320.0	6-0409	Cover, Duplex Receptacle
8.716-321.0	6-0410	2" x 4", 3-hole, 1/2" WB
8.716-322.0	6-04101	2" x 4", Extension for 6-0410, 04102, 04103
8.716-323.0	6-04102	2" x 4", 5-hole, 1/2"
8.716-324.0	6-04103	2" x 4", 4-hole, 1/2"
8.716-326.0	6-04104	4" x 4", 3-hole, SK Series
8.716-327.0	6-041041	4" x 4", 5-hole, 1/2"
8.716-329.0	6-041043	4" x 4" SK, Cover Plate, for 6-00041
9.802-483.0	6-0411	2" x 4", Cover Plate
9.802-484.0	6-04110	2" x 4", Junction 3-hole, 3/4"
8.716-339.0	6-041100	2" x 4", 3-hole, 1"

Enclosure Box for Magnetic Motor Starter Sets



- NEMA 65 non-metallic enclosure dimensions: 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 #	Old No.	Description
8.902-525.0	260268X	Box, Toggle & Hardware

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 #	Old No.	Description
8.709-709.0	337212	Motor Starter

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 #	Old No.	Description
8.709-702.0	337203	RainTite Switch Box
8.709-703.0	337204	Switch Box Cover

Timers



6-03700



6-036880

- Preset and adjustable available
- Heavy-duty

Part #	Old No.	Description
9.802-473.0	6-03700	Multi-function, 24V-120/240V, Time Delay
9.802-472.0	6-036880	Solid State, 120V, 5-60 Min for Auto Start

Fuses

- Full range of fuses
- Protect your equipment



Part #	Old No.	Code	Max Voltage	Amps
9.802-463.0	6-022970	FNM1/2	250V	0.5
9.802-464.0	6-0229810	FNM8/10	250V	0.8
8.716-173.0	6-0229710	FNM1	250V	1.0
9.803-977.0	6-02320	FNM2-1/2	250V	2.5
8.716-187.0	6-023080	FNM3	250V	3.0
9.803-664.0	6-023090	FNM5	250V	5.0
8.716-194.0	6-02321	FNM7	250V	7.0
9.802-460.0	6-022910	FNM8	250V	8.0
8.716-165.0	6-022920	FNM10	250V	10.0



8.716-191.0	6-02311	FNQ3/10	500V	0.3
8.716-192.0	6-02312	FNQ6/10	500V	0.6
9.802-465.0	6-02306	FNQ-R-3	600V	3.0



8.716-169.0	6-02296	KTK-R1/4	600V	0.25
9.802-462.0	6-02295	KTK-R1/2	480V	0.5
8.933-007.0	6-02294	KTK-R1	240V	1.0
8.716-177.0	6-022982	KTK-R1-1/2	600V	1.5
9.803-663.0	6-02299	KTK-R2	120V	2.0
8.716-179.0	6-022990	KTK-R2-1/2	600V	2.5
8.716-180.0	6-022992	KTK-R4	600V	4.0
9.804-050.0	6-02307	KTK-R5	600V	5.0
8.716-183.0	6-02304	KTK-R30	600V	30.0



8.716-170.0	6-02297	MDL1/2	120V	0.5
8.716-175.0	6-022981	MDL3/4	250V	0.75
8.716-172.0	6-022971	MDL1	250V	1.0
8.716-174.0	6-02298	MDL2-1/2	24V	2.5
8.716-186.0	6-02308	MDL3	250V	3.0
8.716-188.0	6-02309	MDL5	250V	5.0
8.716-161.0	6-02291	MDL7-1/2	250V	7.5
8.716-163.0	6-022911	MDL8	250V	8.0

Circuit Breakers



6-04121

- Provides protection against excessive amp draw

Part #	Old No.	Description
9.802-485.0	6-041250	25 Amp (All 12V Systems)

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 #	Old No.	Description
8.712-213.0	410202	20 Amp/ 110 Volt
8.712-215.0	410204	28 Amp/ 240 Volt

Rocker Switches



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

Part #	Old No.	Description	AMP	Voltage
9.802-453.0	6-020251	Curvette, V. Carling	16/10	125/250
8.716-051.0	6-020252	Curvette, 2-pos	20/15	125/250
8.716-052.0	6-020253	Curvette, 3-pos	16/10	125/250
9.802-451.0	6-020240	Carling, Green Lght, 2-pos	15/10	125/250
9.802-452.0	6-020241	Carling, Red Lght, 3-pos	15/10	125/250
8.716-037.0		Rocker	15/10	125/250

Indicator Lights



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

Part #	Old No.	Voltage	Color
8.716-095.0	6-02053	125V	Red
9.802-455.0	6-020530	125V	Green
8.716-408.0	6-050413	125V	Amber
9.803-651.0	6-0399	24V	Red
9.803-652.0	6-03990	24V	Green
8.716-097.0	6-02059	12V	Red
9.802-456.0	6-020590	12V	Green

Digital Monitor

Provides accurate testing and monitoring of electrical outlets and systems.



- Constantly monitors voltage and frequency indicated potential improper polarity and ground wiring
- Accurate testing and monitoring of all AC power sources
- RMS voltage and frequency meter
- Multi-tone fault alarm
- Hands-free auto reset
- Advanced microelectronics
- One button operation

Part #	Description
8.749-947.0	Digital Monitor

Voltage Regulator



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

Part #	Old No.	Description
9.802-531.0	6-0615	25 Amp, 15 Volt

Winco AC Generator



- 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 #	Old No.	Description
8.716-610.0	337440	Winco AC Generator

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

Part #	Old No.	Description	No. Req'd
Winco Repair Parts			
8.700-603.0	078451	Bearings	2
8.716-615.0	078452	Brushes	3
8.700-607.0	078455	Rectifier	1
8.700-609.0	078457	Receptacle	2
8.700-611.0	078459	Fan	1

Voltmaster Generators by Wanco

Up to 4000 watt @ 3,600 RPM.



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

Part #	Old No.	Description
8.709-810.0	337441	2500 Watt Generator, 21.6 Amps
8.903-806.0	337443	Adapter Plate & Fasteners
8.751-069.0		4000 Watt Generator, 33.3 Amps

ELECTRICAL COMPONENTS

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 Part No.	24V Coil Orig. No.	120V Coil Part No.	120V Coil Orig. No.	220V Coil Part No.	220V Coil Orig. No.	FL Amp	220V 1Ø HP	220V 3Ø HP	440V 3Ø HP
Contactors										
								UL Rating		
A	8.708-753.0	260265	8.902-527.0	260290	8.902-532.0	260295	22	2	3	5
B	8.708-754.0	260266	8.902-528.0	260291	8.902-533.0	260296	24	2	5	7.5
C	8.902-523.0	260267	8.902-529.0	260292	8.902-534.0	260297	32	3	5	10
D	8.902-524.0	260268	8.902-530.0	260293	8.902-535.0	260298	40	5	7.5	15
E	8.902-526.0	260269	8.902-531.0	260294	8.902-536.0	260299	52	7.5	10	20
F	8.708-790.0	260351	8.708-791.0	260352	8.708-792.0	260353	90	10	15	30

Part No.	Original No.	Voltage	Fits Contactor
Coils Only			
8.708-764.0	260274	24V	A,B,C,D
8.708-762.0	260272	120V	A,B,C,D
8.708-763.0	260273	220V	A,B,C,D
8.708-765.0	260275	480V	A,B,C,D
8.708-766.0	260277	120V	E
8.708-767.0	260278	220V	E

Part No.	Original No.	Type	Amp Range	Fits Contactor
Thermal Overloads				
8.708-749.0	260253	Man	9.0-15	A,B,C,D
8.708-758.0	260270	Man	14-23	A,B,C,D
8.708-760.0	260271	Man	17-26	A,B,C,D
8.708-742.0	260247	Man	20-33	C,D
8.708-744.0	260248	Man	28-42	C,D
8.708-746.0	260249	Man	35-50	E,F
8.708-802.0	260433AUTO	Auto	2.0-3.3	A,B,C,D
8.708-803.0	260437AUTO	Auto	4.5-7.5	A,B,C,D
8.708-804.0	260440AUTO	Auto	6.0-10	A,B,C,D
8.708-750.0	260253AUTO	Auto	9.0-15	A,B,C,D
8.708-759.0	260270AUTO	Auto	14-23	A,B,C,D
8.708-761.0	260271AUTO	Auto	17-26	A,B,C,D
8.708-743.0	260247AUTO	Auto	20-33	C,D
8.708-745.0	260248AUTO	Auto	28-42	C,D
8.708-747.0	260249AUTO	Auto	35-50	F

- Used to mount Overload to Motor Starter Contactors

Part No.	Original No.	Description
Thermal Overload Connector Kits		
8.708-768.0	260281	A,B,C,D
8.708-770.0	260284	E
8.708-789.0	260349	F

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.	Original No.	Description
8.902-525.0	260268X	Box, Toggle & Hardware

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.	Orig. No.	Description
8.709-696.0	337187	Switch only
8.903-802.0	337188	Switch & Rain Tight Box
8.709-708.0	337210*	Switch w/ 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.	Original No.	Description
8.709-709.0	337212	Motor Starter

Machine Control Cam Switches - 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.	Original No.	Model	AMP Rating	Voltage	Phase
8.712-219.0*	410210	N25US1A1686-00	20	110V	1Ø
8.712-224.0*	410221	N25US1A1687-00	20	220V	1Ø
8.712-225.0*	410223	N25US1A1686-00	20	220V	3Ø
8.712-227.0*	410231	N32US1A1686-00	30	110V	1Ø
8.712-228.0*	410232	N32US1A1687-00	30	220V	1Ø
8.712-229.0*	410233	N32US1A1688-00	30	220V	3Ø
8.712-234.0	410242	N63US1A4095-00	40	240V	1Ø
8.712-235.0	410243	N63US1A4027-00	40	480V	3Ø

Single Hole Mounting - requires 1 22mm (7/8" Dia) hole

8.712-218.0	410208	N25US1A1789-00	20	110V	1Ø
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Replacement Knob - fits those part numbers above marked with an asterisk ()

8.700-258.0	075052	Replacement Knob			
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"Big Boot" Cam Switch - 3 Position



Large rectangular boot for easier wiring.

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

Part No.	Original No.	Model	AMP Rating	Voltage	Phase
8.712-238.0	410260	T225-1686	30	110V	1Ø
8.712-241.0	410265	T225-1688	30	240V	3Ø

Single Hole Mounting - requires 1 22mm (7/8" Dia) hole

8.712-223.0	410219	220-1843	20	220V	1Ø
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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.	Original No.	Description
8.712-213.0	410202	20 Amp/ 110 Volt
8.712-215.0	410204	28 Amp/ 240 Volt

On/Off Rotary Switch



6-020201

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

Part #	Old No.	Description
9.802-449.0	6-020201	115-230V, 1PH 3-position
8.716-027.0	6-020203	230/460V, 3PH 3-position
9.802-450.0	6-020204	120-600V, 1-3PH 2-position

Universal "Elektra"

UL/CSA Rated Machine control cam switches



8.712-236.0



8.712-237.0



8.712-240.0

- 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/ Brema's & 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.	Orig. No.	AMP Rating	Wiring Poles	Phase	Voltage	HP Rating
8.712-236.0	410251	25	1	1	120	1.5
8.712-237.0	410253	25	2	1	120/240	1.5/2.0
8.712-240.0	410263	35	2	1	120/240	2/3
8.712-242.0	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.	Orig. No.	AMP Rating	Wiring Poles	Phase	Voltage	HP Rating
8.712-214.0	410203	25A	2	1	120/240	1.5/2
8.712-216.0	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
30 HP @ 480vt 3Ø

Part No.	Orig. No.	Description
8.712-217.0	410206	60 Amp Switch w/ Large Box 4-1/2" w x 7" H x 3-3/4" D
8.712-211.0	410190	60 Amp Switch only No Knob
8.712-212.0	410192	Box only 3-7/8" x 4-7/8" x 2-3/4" for 410190 switch using 10 gage/smaller wire
8.700-489.0	076521	Knob

NOTE: Switch does not have thermal overload protection

ELECTRICAL COMPONENTS

Adjustable Thermostat Switches for Kärcher Discharge Manifold



- For use with Kärcher discharge manifold
- Capillary tube provides fast response time
- Prevents burner from overheating
- Two models adjustable to 240°F or 302°F

Part #	Description
8.750-094.0	150°C/302°F, 2 meter capillary
8.750-095.0	120°C/240°F, 2 meter capillary

Adjustable Thermostat Switches



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

Part #	Old No.	Description
9.802-285.0	4-05088	300°
8.712-186.0	4-05090	175°

Adjustable Thermostat



With panel-mount controls.



- 4,000 PSI
- 302°F
- 3 1/2" immersion bulb w/ 60" capillary tube
- Accuracy \pm 2.5%
- Temperature change response within \pm 6°F
- 16 amp - 250 volt
- Large easy read dial
- Seal, nut & 1/2" transition coupling included

Part #	Old No.	Description	List Price
8.712-494.0	430050	0-194°F Thermostat	\$53.76
8.712-497.0	430058	0-248°F Thermostat	\$50.92
8.904-557.0	430060	0-302°F Thermostat	\$51.29
8.750-096.0		Knob 150°C/302°F	\$1.44

Adjustable Flow-Thru Thermostat



8.700-501.0



8.914-555.0

- Stainless steel case
- Silver contacts
- Ceramic insulation
- Stop collar
- Tension adjusting screw
- 3,000 PSI
- 10 amps - 110 volts
- 5 amps - 220 volts
- Adjustable 85° - 195°
- 1/2" inlet, 3/8" outlet
- Fenwall inside

Part #	Old No.	Description
8.904-555.0	430027	Thermostat
8.700-501.0	076731	Switch Only

Brass In-line Thermostat

In-line controls for pressure washers and steamers.



- Positive bimetal temperature control
- 1/2" inlet/outlet FPT ports
- 3,000 PSI max working pressure
- Universal 1/4" spade terminal connection

Part #	Old No.	Description
8.712-492.0	430025	60-230°F
8.712-493.0	430035	60-340°F

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 & "auto-clamp" for cord
- 337013 angle plug has vinyl body and both 30A & 50A neutral leg

Part #	Old No.	Description
8.709-653.0	337000	15A/120V, Black Nylon
8.709-655.0	337004	20A/120V, Black Nylon
8.709-656.0	337006	20A/250V, Black Nylon
8.709-659.0	337013	30A-50A/250V, Black Vinyl

Vinyl Electrical Tape



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

Part #	Old No.	Description
8.704-706.0	118910	Roll 3/4" x 60'

Romex Connectors (Metal)



Part #	Old No.	Description
8.709-663.0	337020	1/2" Strt. Connector
8.709-664.0	337021	3/4" Strt. Connector
8.709-660.0	337017	1/2" Lock Nut Only
8.709-661.0	337018	3/4" Lock Nut Only

Liquid-Tight Strain Relief Connector for Cable, Wire & Tubing

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



DOME 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.

Part #	Type	Thread	Cord Size	Cord OD	Length
8.709-687.0	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"
8.709-689.0	Dome	3/4" NPT	12/3-10/4	.510"-.710"	2.0"

PLASTIC JAM NUTS

Part #	Thread	List Price
9.802-525.0	1/2" NPT	\$0.85
9.802-526.0	3/4" NPT	\$1.22



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

Part #	Type	Thread	Cord Size	Cord OD	Length	List Price
8.709-690.0	Flex	1/2" NPT	14/3-12/3	.230"-.470"	4.3"	\$6.19
8.709-692.0	Flex	3/4" NPT	12/3-10/4	.51"-.71"	5.2"	\$13.70

CONDUIT

Part #	Description	List Price
9.802-448.0	Watertight Flex 1/2" x 100' Box	\$2.06

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 #	Old No.	Description
8.709-679.0	337120	1/4" ID 100' Roll
8.709-680.0	337121	3/8" ID 100' Roll
8.709-681.0	337122	1/2" ID 100' Roll
8.709-682.0	337123	5/8" ID 100' Roll

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 #	Old No.	Description
8.709-858.0	337642	GFCI Module 1PH
8.709-859.0	337643	GFCI Module 3PH (not pictured)

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 and 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 #	Old No.	Volt	Amp	Length	Plug Included
8.709-850.0	337626	120V	15A	12 ft	yes
9.802-432.0		120V	15A	36 ft	yes
8.709-842.0	337607	120V	20A	12 ft	no
8.903-807.0	337608	120V	20A	12 ft	yes
8.709-843.0	337609	120V	20A	35 ft	yes
9.802-431.0		120V	20A	36 ft	yes
9.802-433.0	6-010631	240V	20A	36 ft	yes
8.709-860.0	337645	240V	30A	6 ft	no
8.709-853.0	337632	240V	30A	6 ft	yes
8.709-861.0	337647	240V	30A	12 ft	no
8.709-854.0	337634	240V	30A	12 ft	yes
8.709-862.0	337649	240V	30A	35 ft	yes
8.709-855.0	337635	240V	30A	35 ft	yes
9.802-430.0		240V	30A	36 ft	yes
9.802-434.0		240V	40A	36 ft	yes

GFCI Plug without Cord

8.709-847.0	337615	120V	15A	N/A	yes
8.709-846.0	337614	120V	20A	N/A	yes

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