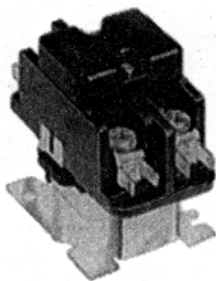
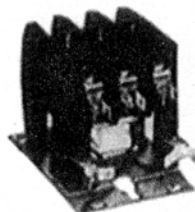


AC POWER CONTACTORS



A



B

Fig. A. Type 122—2PNO; screw power terminals. #10 solid wire max. Auxiliary quick-connect terminals; straight-thru wiring; double make contacts. **Weight:** 10.5 oz. (approx.)

Mfg. No.	Contacts	Coil Volts
122-901	2PNO	24
122-902	2PNO	120
122-903	2PNO	208/240
122-905	2PNO	24
122-906	2PNO	120
122-907	2PNO	208/240

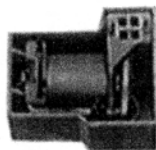
TYPE 122 CONTACT RATING

Inductive	Resistive
30 Amp. Cont. 150 Amp. Inrush at 277 VAC Per Pole	40 Amp. at 600 VAC
40 Amp. Cont. 200 Amp. Inrush at 277 VAC Per Pole With Cover	40 Amp. at 600 VAC

Fig. B. Type 154—3PNO (40 amps type also with DPNO). 20 and 25 amps, screw connectors line and load side for #14 through #8 wire; 1/4" double quick connect auxiliary and coil terminals. 30 and 40 amps, pressure connectors on line side for #14 through #4 wire; screw connectors on load side (pressure connector for 40 amps); 1/4" double quick connect auxiliary and coil terminals. Non-positional type 154 power contactors come with interchangeable mounting; low coil wattage and non-corroding structure. Type 154 has low temperature rise; riveted terminal assemblies. Hardware included in boxed quantity only. **Size:** 3 3/4" x 2 3/4" (3 1/4" for 40 amps) x 3 1/8" overall.

Mfg. No.	Contacts	Coil Volts
154-902	3PNO	120
154-903	3PNO	208/240
154-904	3PNO	24
154-905	3PNO	120
154-907	3PNO	24
154-908	3PNO	120
154-910	3PNO	24
154-911	3PNO	120
154-912	3PNO	208/240
154-913	DPNO	24
154-914	DPNO	120
154-915	DPNO	208/240

PC BOARD POWER RELAYS



A



B

Mfg. No.	Coil Voltage	Contacts	Fig.
SEALED CASE			
TS9012A	12VDC	SPNO	B
TS9024C	24VDC	SPDT	B
DUST COVER CASE			
TD9012C	12VDC	SPDT	A

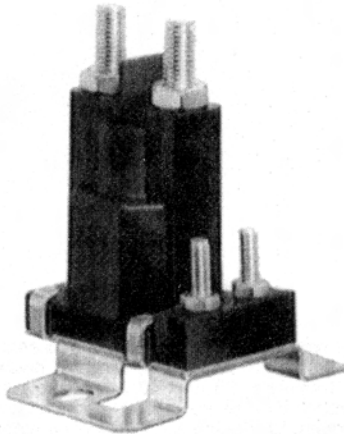
CONTACT RATINGS SILVER-CADMIUM OXIDE

Voltage	Load Type	Form A (NO)	Form B (NC)	Form C	
				(NO)	(NC)
AC	Inductive or Resistive	30A at 240 VAC	15A at 240 VAC	20A at 240 VAC	10A at 240 VAC
AC	Motor Tungsten Ballast General Purpose	1 HP at 120 VAC 2 HP at 120 VAC 5A at 240 VAC 6A at 277 VAC 6A at 277 VAC	1/4 HP at 120 VAC 1/2 HP at 240 VAC 3A at 240 VAC 3A at 277 VAC 3A at 277 VAC	1 HP at 120 VAC 2 HP at 240 VAC 5A at 240 VAC 6A at 277 VAC 6A at 277 VAC	1/4 HP at 120 VAC 1/2 HP at 240 VAC 3A at 240 VAC 3A at 277 VAC 3A at 277 VAC
DC	Inductive Resistive	20A at 28 VDC 20A at 28 VDC	15A at 28 VDC 10A at 28 VDC	15A at 28 VDC 20A at 28 VDC	5A at 28 VDC 10A at 28 VDC

Specifications:

Max. Coil Temperature	+130°C
Operating Temperature Range	-55 to +85°C
Operating Time (including bounce)	15 ms max. 9 ms typ
Release Time (including bounce)	10 ms max. 7 ms typ

TYPE 120



Type 120 - SPNO contactors feature water resistance, durability in high temperatures and high vibration, versatile mounting and termination. Also available with one coil lead grounded to bracket. **Contacts:** Continuous - silver alloy; intermittent - copper. **Contact Termination:** $\frac{5}{16}$ - 24 UNF-2A stud. **Coil Terminations:** #10-32 UNF-2A, Standard $\frac{1}{4}$ QC also available. **Coil Power:** Continuous 8W approx.; Intermittent 14W approx. **Dielectric Strength:** 500V. **Temperature Range:** Intermittent -20°F to +150°F, continuous; -20°F to +120°F. **Weight:** 6 oz. approx.

CONTACT RATING

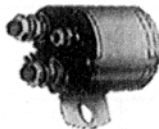
Rating	Full Load	Inrush
Continuous	100A	400A
Intermittent	80A	400A

12 VDC, 15 VDC 50,000 operations. 18 VDC, 24 VDC, 36 VDC 25,000 operations.

TYPE 120 DC CONTACTOR

Mfr. No.	Bracket	Coil (VDC)	Coil Resistance (Ohms)
Continuous Duty			
120-901	Standard	12	16.0
120-902	Standard	15	20.8
120-904	Standard	24	64.0
120-907	L Bracket	12	16.0
Intermittent Duty			
120-912	L Bracket	12	6.0

MFG. TYPE 124



High current contactors for use where ruggedness and high current capacity are required for DC mobile equipment. Dust and splash proof cover. **Operating Temperature Range:** -40°C to + 65°C.

CONTACT RATING DC INDUCTIVE LOAD

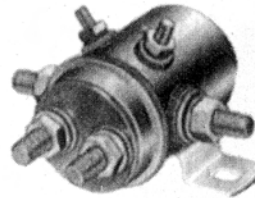
DC Voltage	NO		NC*	
	Cont. Amps	Inrush Amps	Cont. Amps	Inrush Amps
12	100	400	50	200
24	100	400	50	100
36	100	400	50	100

*NC contact ratings are set up and carry applications such as reversing DC motors.

TYPE 124 CONTACTORS

Mfg. No.	Coil	
	Volts	Ohms
4 TERMINALS ISOLATED COIL		
124-902	12	13.2
124-903	24	53
124-904	36	120
3 TERMINALS GROUND COIL		
124-906	12	13.2
124-907	24	53
6 TERMINALS (SPDT)		
124-910	12	13.2
124-911	24	53
124-912	36	120

TYPE 70

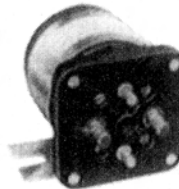


Solenoid actuated DC power contactors with steel dust-proof enclosure, copper power studs, double break disc movable contact, isolated coil terminals. **Coil Rating:** 9 watts continuous duty. **Breakdown Voltage:** 500 Vrms, 60 Hz. **Size:** $2\frac{1}{2}$ " $\times$ $3\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " (SPNO); $3\frac{3}{8}$ " $\times$ $3\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " (SPDT). Mtg. holes on 2.109" centers (one side slotted).

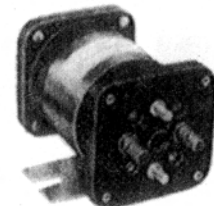
Mfr. No.	Coil Voltage	Contact Rating (Amps)	
		NO	NC
SPNO 4 Terminal			
70-901	6	80 *	.....
70-902	12	80 †	.....
70-903	24	50	.....
70-904	36	50	.....
SPNO 3 Terminal – One Side Of Coil Common to Case			
70-914	12	80 †	.....
70-915	24	50	.....
SPNO 3 Terminal – One Side Of Coil Common to Load			
70-917	6	80 *	.....
70-918	12	80 †	.....
SPNO 4 Terminal – Silver Contacts			
70-906	12	80 †	.....
70-907	24	50	.....
70-908	36	50	.....
SPDT 6 Terminal – Silver Contacts			
70-910	12	80 †	60
70-911	24	50	30
70-912	36	50	30
SPDT 6 Terminal – NO Copper and NC Silver Contacts			
70-922	12	80 †	60
70-923	24	50	30

*Inrush rating: 300A. †Inrush rating: 150A.

TYPE 586 SEALED SOLENOID



A



B

Type 586 Sealed Contactors are designed for controlling DC starting motors on gasoline engine driven auxiliaries, battery-charging power circuits, low-voltage DC motor generator sets, golf carts, reversing circuits in winch applications, industrial lift trucks, to mention a few.

CONTACT RATING DC INDUCTIVE LOAD

DC Voltage	NO		NC*	
	Cont. Amps	Inrush Amps	Cont. Amps	Inrush Amps
6	200	600	100	300
12 & 15	200	600	100	300
24 & 36	200	600	100	200

*NC contact ratings are set up and carry applications such as reversing DC motors.

TYPE 586 SEAL SOLENOID

Mfg. No.	Fig.	Contacts	Coil Voltage DC	SPNO Resistance Ohms @ 25°C
586-901	A	SPNO	6	5.25
586-902	A	SPNO	12	21.0
586-905	A	SPNO	24	84.0
586-906	A	SPNO	36	189.0
586-907	A	SPNO	48	336.0
586-911	B	SPDT	12	13.2
586-914	B	SPDT	24	53.0
586-915	B	SPDT	36	120.0