RELAYS AND CONTACTORS

D.C. Power Contactors - Type 124







	STANCOR					Coil	Coil Resistance		Contact Rating-(Amps.) Inductive Load				DIMENSIONS Inches					
Sec.	PART NUMBER	Duty Cycle	Terminal Type*	Pole Form	Bracket Style	Volt. D.C.	(Ohms) @ 25°C	Contact Material	Volt. D.C.	Normally Continuous		Normally Continuous		L	Case W	Н	Weight (oz.)	Agency Certif.
А	124-906	Continuous	3	SPNO	Standard	12	13.2	Silver Alloy	12	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-902	Continuous	4	SPNO	Standard	12	13.2	Silver Alloy	12	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-910	Continuous	6	SPDT	Standard	12	13.2	Silver Alloy	12	100	400	50	200	4.69	3.13	2.19	19.0	-
В	124-907	Continuous	3	SPNO	Standard	24	53.0	Silver Alloy	24	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-903	Continuous	4	SPNO	Standard	24	53.0	Silver Alloy	24	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-911	Continuous	6	SPDT	Standard	24	53.0	Silver Alloy	24	100	400	50	100	4.69	3.13	2.19	19.0	-
С	124-908	Continuous	3	SPNO	Standard	36	120.0	Silver Alloy	36	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-904	Continuous	4	SPNO	Standard	36	120.0	Silver Alloy	36	100	400	-	-	3.56	3.13	2.19	16.0	-
	124-912	Continuous	6	SPDT	Standard	36	120.0	Silver Alloy	36	100	400	50	100	4.69	3.13	2.19	19.0	-
D	124-913	Continuous	4	SPNO	Standard	48	213.0	Silver Alloy	36	100	400	-	-	3.56	3.13	2.19	16.0	-

^{*} Terminal Type: "3" = Grounded Coil, SPNO "4" = Isolated Coil, SPNO "6" = Isolated Coil, SPDT

For outline drawings refer to page 55.

Engineering Design Data

	Coil Rating	Operation in Coil Volta	% of Nom.	Breakdown Voltages All Terminals - 60 Hz RMS			Contact Material		Electrical Life		Mechanical Life		
5.0	Nominal Magnetic	Oon voita	Max.		Open Contacts		oontaat m	atoriai		Oper.		Oper.	Max. Oper.
D.C. Type	Coil Rating (Watts)	Pick-up	Safe Operate	Opposite Polarity	Same Polarity	To Ground	Power	Pilot	Oper. At Rated Load	Per Min.	Oper. At No Load	Per Min	Temp. °F
124	12	75%	110%	500	500	500	Silver Alloy	Gold	50,000	2	100,000	6	150

Temperature Range

— -40°F to 150°F

Terminations

- Contacts: 5/16"-24 UNF-2A thread — Coil: #10-32 UNF-2A thread

Recommended Mounting

— Vertical plane with coil terminals up.

Hardware Torque Specification

- Contact Terminal: 60 inch-lbs., max.
- Coil Terminal: 12-18 inch lbs.
- Caution: A back-up wrench must be used to hold the bottom nut stationary

Type 124 Custom Design Capabilities

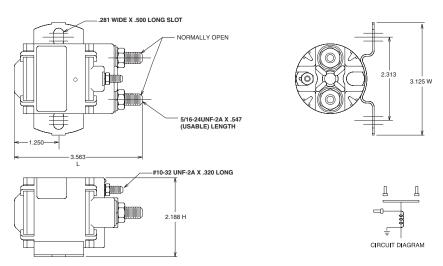
- Coil voltages 6 VDC through 48 VDC
- High vibration
- Gold plated contacts for pilot duty (low load switching) applications
- Please complete application data form on page 95 of this section.

Note: Caution must be used in coil selection for use in 12 volt systems where battery charging may expose coil to continuous, higher-than-rated voltage. Stancor will not be responsible for consequences of misapplied solenoids.

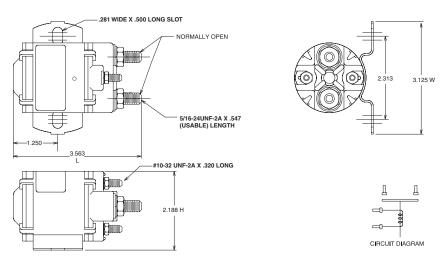


^{**} Inrush Current: Current applied within the first 1/2 second of contact closure

Terminal Type 3 - Coil Grounded to Case SPNO



Terminal Type 4 - Isolated Coil SPNO



Terminal Type 6 - Isolated Coil SPDT

