D.C. Power Contactors – Type 586

Type 586 SPDT

Type 586 SPNO

RoHS

Sec.	STANCOR PART NUMBER	Duty Cycle	Terminal Type*	Pole Form	Bracket Style	Coil Volt. D.C.	Coil Resistance (Ohms) @25˚C	Contact Material	Contact Rating-(Amps.) Inductive Load Volt. D.C.	Normally Open Continuous	Normally Open Inrush**	Normally Closed Continuous	Normally Closed Inrush**	DIMENSIONS INCHES Case L	Case W	Case H	Weight (oz.)	Agency Certif.
A	586-901	Continuous	4	SPNO	Standard	6	5.3	Silver Alloy	6	200	600	-	-	3.69	3.30	2.90	24.0	-
	586-902	Continuous	4	SPNO	Standard	12	21.0	Silver Alloy	12	200	600	-	-	3.69	3.30	2.90	24.0	-
	586-903	Continuous	4	SPNO	Standard	15	32.8	Silver Alloy	15	200	600	-	-	3.69	3.30	2.90	24.0	-
B	586-905	Continuous	4	SPNO	Standard	24	84.0	Silver Alloy	24	200	600	-	-	3.69	3.30	2.90	24.0	-
	586-906	Continuous	4	SPNO	Standard	36	189.0	Silver Alloy	36	200	600	-	-	3.69	3.30	2.90	24.0	-
	586-907	Continuous	4	SPNO	Standard	48	336.0	Silver Alloy	36	200	600	-	-	3.69	3.30	2.90	24.0	-
C	586-911	Continuous	6	SPDT	Standard	12	13.2	Silver Alloy	12	200	600	100	300	4.61	3.30	2.90	26.0	-
	586-914	Continuous	6	SPDT	Standard	24	53.0	Silver Alloy	24	200	600	100	200	4.61	3.30	2.90	26.0	-
	586-915	Continuous	6	SPDT	Standard	36	120.0	Silver Alloy	36	200	600	100	200	4.61	3.30	2.90	26.0	-

— Water Resistant

For outline drawings refer to page 57.

* Terminal Type: "4" = Isolated Coil
"6" = Isolated Coil

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

Engineering Design Data

D.C. Type	Coil Rating Nominal Magnetic Coil Rating (Watts)	Operation in % of Nom. Coil Voltage Rating Pick-up	Max. Safe Operate	Breakdown Voltages All Terminals - 60 Hz RMS Opposite Polarity	Open Contacts Same Polarity	To Ground	Contact Material Power	Pilot	Electrical Life Oper. At Rated Load	Oper. Per Min.	Mechanical Life Oper. At No Load	Oper. Per Min	Max. Oper. Temp. °F
586	8 - SPNO 12 - SPDT	75%	110%	500	500	500	Silver Alloy	-	50,000	2	100,000	30	150

Temperature Range
— -40˚F to 150˚F

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

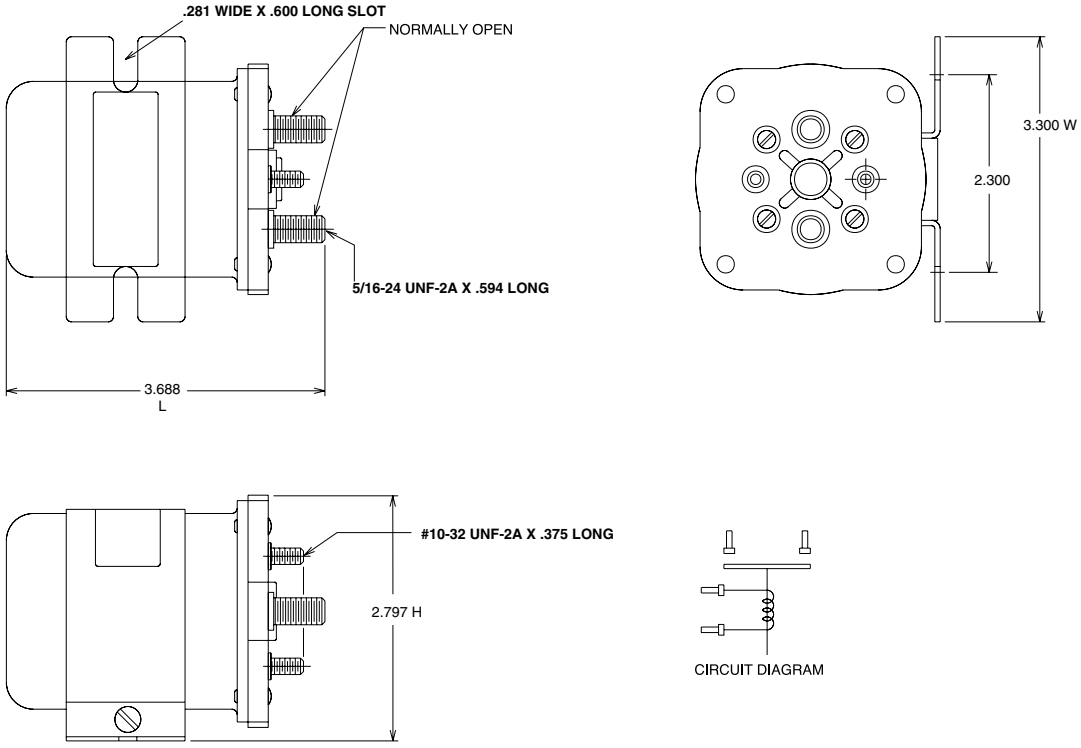
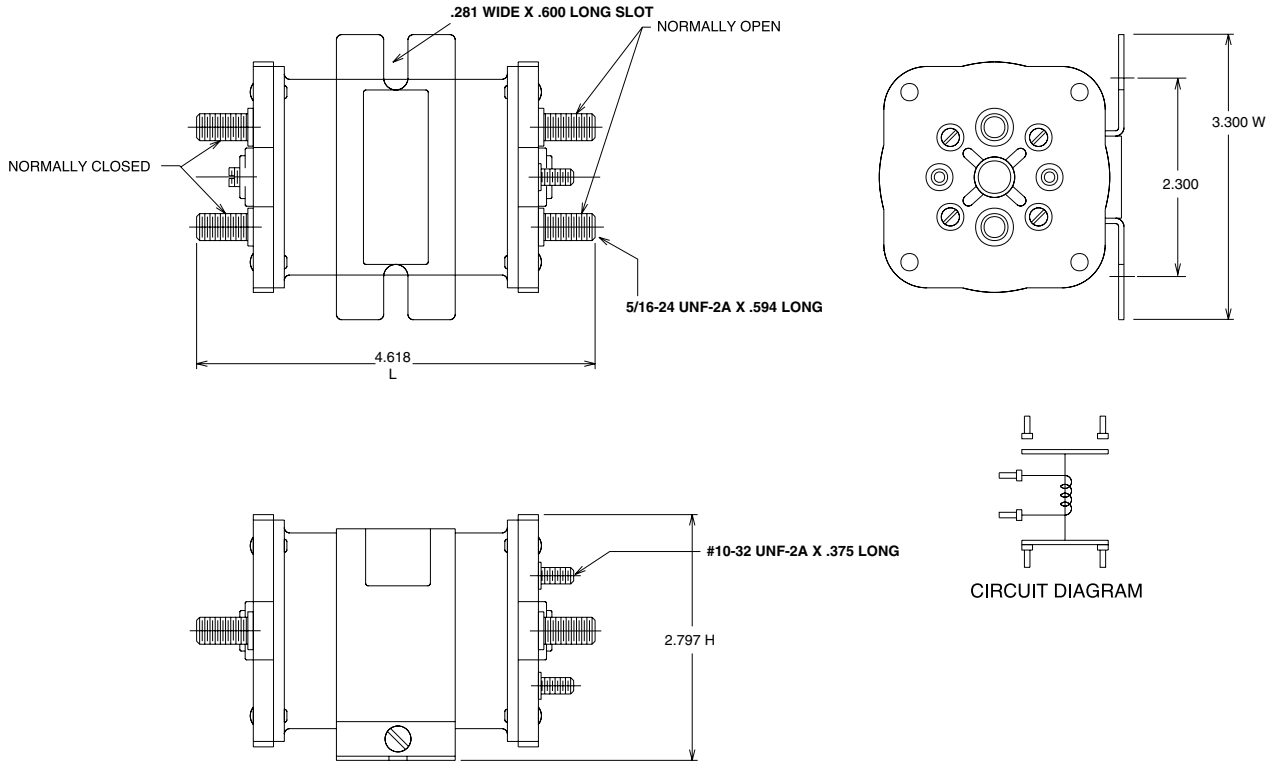
Recommended Mounting
— Vertical plane with coil terminals up.

Hardware Torque Specification
— Contact Terminal: 60 inch-lbs., max.
— Coil Terminal: 12-18 inch lbs.

Type 586 Custom Design Capabilities
— Coil voltages 6 VDC through 48 VDC
— High vibration
— 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.

Terminal Type 4 – Isolated Coil SPNO



Terminal Type 6 – Isolated Coil SPDT