



**Type 70 SPNO**

**WARNING – FIRE HAZARD**

Must be installed in a dry and protected place. Failure to protect solenoid from water and other contaminants could result in Fire, Property Damage, Serious Personal Injury, or Death.

**TYPE 70 SPNO**

Single Pole Normally Open Contact

Case is Dust Resistant and Isolated from Ground

**SPECIFICATIONS**

Dimensions . . . . . 2.47" L x 3.48" W x 2.40" H  
 Weight . . . . . 14 oz.  
 Temperature Range . . . . . -40° to +122°F  
 Terminations, Contacts . . . . . 5/16" -24 UNF-2A thread  
 Terminations, Coil . . . . . #10-32 UNF-2A thread  
 Recommended Mounting . . . . . Plunger vertical with cap down  
 Hardware Torque, Contact Terminal . . . . . 45-55 in. lbs.  
 Hardware Torque, Coil Terminal . . . . . 12-18 in. lbs.  
 Caution: A back-up wrench must be used to hold the bottom nut stationary.  
 Agency . . . . . U.L. 538 Recognized, File AU2138

Model Number	Duty Cycle ③	Terminal Type ①	Pole Form	Bracket Style	Coil Voltage D.C.	Coil Resistance (Ohms) ②	Contact Material	Contact Rating (Amps) – Inductive Load				
								Voltage D.C.	Normally Open		Normally Closed	
70-111225	Continuous	3A	SPNO	Standard	12	16	Copper	12	80	400	60	60
70-111224	Continuous	4	SPNO	Standard	12	16	Copper	12	80	400	60	60
70-117224	Continuous	4	SPNO	Standard	24	60	Copper	24	50	50	30	30
70-120224	Continuous	4	SPNO	Standard	36	114	Copper	36	50	50	30	30

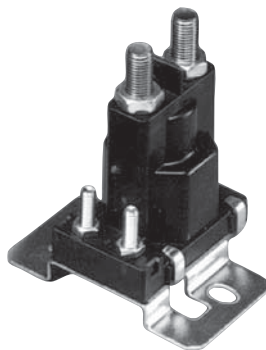
- ① "3A" = Coil Grounded to Case  
"4" = Isolated Coil
- ② Coil resistance in Ohms @ 25°C
- ③ Intermittent duty designs available.

**TYPE 120 SPNO**

Single Pole Normally Open Contact, Dust Resistant, Water Resistant and Case is Isolated from Bracket

**SPECIFICATIONS**

Dimensions . . . . . 2.13" L x 2.88" W x 3.09" H (Std. Bracket)  
 Dimensions . . . . . 2.50" L x 3.00" W x 3.03" H (L-Shaped Bracket)  
 Weight . . . . . 6.0 oz.  
 Temperature Range, Intermittent Duty . . . . . -20° to +150°F  
 Temperature Range, Continuous Duty . . . . . -20° to +120°F  
 Terminations, Contacts . . . . . 5/16" -24 studs, .495" min. length  
 Terminations, Coil . . . . . #10-32, .451" min. length  
 Recommended Mounting . . . . . Coil terminals up or horizontal  
 Hardware Torque, Contact Terminal . . . . . 45-55 in. lbs.  
 Hardware Torque, Coil Terminal . . . . . 12-18 in. lbs.  
 Caution: A back-up wrench must be used to hold the bottom nut stationary.



**Type 120 SPNO**

Model Number	Duty Cycle ①	Terminal Type ②	Pole Form	Bracket Style	Coil Voltage D.C.	Coil Resistance (Ohms) ③	Contact Material	Contact Rating (Amps) – Inductive Load		
								Voltage D.C.	Normally Open	
120-105711	Continuous	4	SPNO	Standard	12	16.0	Silver Alloy	12	100	400
120-105851	Continuous	3A	SPNO	Standard	12 ⑤	16.0	Silver Alloy	12	100	400
120-106131	Intermittent	4	SPNO	Standard	12	6.0	Copper	12	80	400
120-106132	Intermittent	4	SPNO	L	12	6.0	Copper	12	80	400
120-107112	Continuous	4	SPNO	L	14	26.0	Silver Alloy	14	100	400

- ① Intermittent Duty Cycle = 30 seconds "ON" maximum and 6 minutes "OFF"
- ② "4" = Isolated Coil
- ③ Coil resistance in Ohms @ 25°C
- ④ Inrush Current: Current applied within the first 1/2 second of contact closure
- ⑤ Coil grounded to bracket

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. 14 volt coils are recommended. White-Rodgers will not be responsible for consequences of misapplied solenoids.