

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

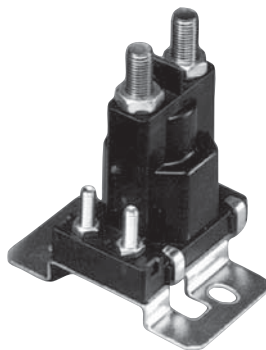
- ① "3A" = Coil Grounded to Case
"4" = Isolated Coil
- ② Coil resistance in Ohms @ 25°C
- ③ Intermittent duty designs available.

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.