

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 CONTACTORS – SPNO

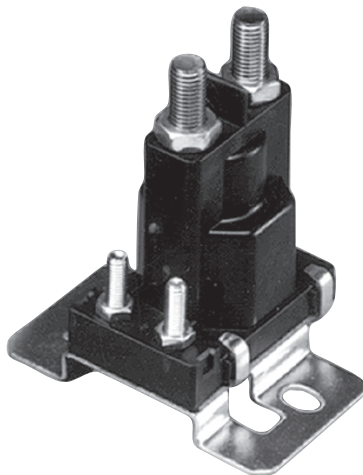
Single Pole Normally Open Contact, Case is Dust Resistant and Isolated from Ground

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.	Continuous	Inrush
70-111225	Continuous	3A	SPNO	Standard	12	16	Copper	12	80	150
70-111224	Continuous	4	SPNO	Standard	12	16	Copper	12	80	150
70-117224	Continuous	4	SPNO	Standard	24	60	Copper	24	50	50
70-120224	Continuous	4	SPNO	Standard	36	114	Copper	36	50	50

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



Type 120 SPNO

TYPE 120 CONTACTORS – 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.

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.	Continuous	Inrush ④
120-105711	Continuous	4	SPNO	Standard	12	16	Silver Alloy	12	100	400
120-105851	Continuous	3A	SPNO	Standard	12 ⑤	16	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.

TRANSFORMERS / RELAYS