



120 105711S1

Type 120 Series D.C. Power Solenoids

Single pole normally open contact, dust resistant, water resistant and case is isolated from bracket.

Features

- Water resistant
- Capable of handling low and high current requirements
- Versatile mounting and termination

Specifications

Dimensions	3.09"H X 2.88"W X 2.13"D
Dimensions	3.03"H X 3.00"W X 2.50"D 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.
UR file number	AU2138

WARNING

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.

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Duty cycle	Terminal type	Bracket style	Coil voltage D.C.	Coil resistance in ohms @ 25°C	Contact material	Contact rating (amps) – inductive load Normally open continuous	Contact rating (amps) – inductive load Normally open inrush	Model number	Item number
Continuous	4 (Isolated Coil, SPNO)	Standard	12	16	Silver Alloy	100	400	120-105711	120 105711S1
Continuous	3A	Standard	12	6	Silver Alloy	100	400	120-105851	120 105851S1
Intermittent (30 seconds "ON" maximum and 6 minutes "OFF")	4 (Isolated Coil, SPNO)	Standard	12	6	Copper	80	400	120-106131	120 106131S1
Intermittent (30 seconds "ON" maximum and 6 minutes "OFF")	4 (Isolated Coil, SPNO)	L	12	6	Copper	80	400	120-106132	120 106132S1
Continuous	4 (Isolated Coil, SPNO)	L	14	26	Silver Alloy	100	400	120-107112	120 107112S1