



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

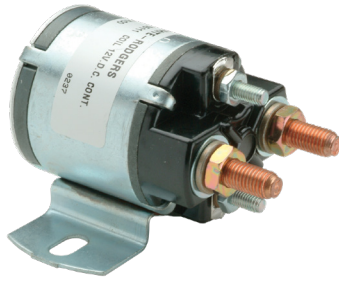
Dimensions 3.09"H X 2.88"W X 2.13"D
 Dimensions 3.03"H X 3.00"W X 2.50"D L-Shaped Bracket)
 Weight 6.0 oz.
 Temperature Range, Intermittent Duty.....-20° to +150°F
 Temperature Range, Continuous Duty.....-20° to +120°F
 Terminations, Contacts 5/16"-24 studs, .495" min. length
 Terminations, Coil #10-32, .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 NumberAU2138

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.

TYPE 120 SERIES D.C. POWER SOLENOIDS

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



124-105111

TYPE 124 SERIES D.C. POWER SOLENOIDS

Single pole normally open, or single pole double throw contacts. Dust resistant and endcaps are isolated from bracket.

FEATURES

- Double-make or double-break contacts
- Steel enclosure
- Offers high and low current capabilities
- Isolated or grounded coils

SPECIFICATIONS

Dimensions: 124-105111, -114111, -117111 2.19"H X 3.13"W X 3.56"D
 Dimensions: 124-305111, -314111, 317111 2.19"H X 3.13"W X 4.69"D
 Weight: 124-105111, -114111, -117111 16.0 oz.
 Weight: 124-305111, -314111, 317111 19.0 oz.
 Temperature Range -40° to +149°F
 Terminations, Contacts 5/16"-24 UNF-2A thread
 Terminations, Coil #10-32 UNF-2A thread
 Recommended Mounting..... Vertical plane with coil terminals up
 Hardware Torque, Contact Terminal 60 in. lbs. max.
 Hardware Torque, Coil Terminal..... 12-18 in. lbs.

TYPE 124 SERIES D.C. POWER SOLENOIDS

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	CONTACT RATING (AMPS) – INDUCTIVE LOAD NORMALLY CLOSED CONTINUOUS	CONTACT RATING (AMPS) – INDUCTIVE LOAD NORMALLY CLOSED INRUSH	MODEL NUMBER	ITEM NUMBER
Continuous	4 (Isolated Coil, SPNO)	Standard	12	13.2	Silver Alloy	100	400	—	—	124-105111	124 105111S1
Continuous	6 (Isolated Coil, SPDT)	Standard	12	13.2	Silver Alloy	100	400	50	200	124-305111	124 305111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	24	53.0	Silver Alloy	100	400	—	—	124-114111	124 114111S1
Continuous	6 (Isolated Coil, SPDT)	Standard	24	53.0	Silver Alloy	100	400	50	100	124-314111	124 314111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	36	120.0	Silver Alloy	100	400	—	—	124-117111	124 117111S1
Continuous	6 (Isolated Coil, SPDT)	Standard	36	120.0	Silver Alloy	100	400	50	100	124-317111	124 317111S1



586-120111

TYPE 586 SERIES D.C. POWER SOLENOIDS

Single pole normally open, or single pole double throw contacts. Water resistant and case is isolated from bracket.

FEATURES

- Single pole normally open contacts
- DC power solenoid designed to be utilized in multiple applications
- Versatile mounting and termination
- Water & dust resistant case design

SPECIFICATIONS

Dimensions, 586-105111, -106111, -114111, -117111, -120111 2.90"H X 3.30"W X 3.69"D
 Dimensions, 586-314111, -317111 2.90"H X 3.30"W X 4.61"D
 Weight, 586-105111, -106111, -114111, -117111, -120111 24.0 oz.
 Weight, 586-314111, -317111 26.0 oz.
 Temperature Range -40° to +149°F
 Terminations, Contacts 5/16"-24 UNF-2A thread
 Terminations, Coil #10-32 UNF-2A thread
 Recommended Mounting..... Vertical plane with coil terminals up
 Hardware Torque, Contact Terminal 60 in. lbs. max.
 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. 15 volt coils are recommended. White-Rodgers will not be responsible for consequences of misapplied solenoids.

TYPE 586 SERIES D.C. POWER SOLENOIDS

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	CONTACT RATING (AMPS) – INDUCTIVE LOAD NORMALLY CLOSED CONTINUOUS	CONTACT RATING (AMPS) – INDUCTIVE LOAD NORMALLY CLOSED INRUSH	MODEL NUMBER	ITEM NUMBER
Continuous	4 (Isolated Coil, SPNO)	Standard	12	21.0	Silver Alloy	200	600	—	—	586-105111	586 105111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	15	32.8	Silver Alloy	200	600	—	—	586-108111 ¹	586 108111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	24	84.0	Silver Alloy	200	600	—	—	586-114111	586 114111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	36	189.0	Silver Alloy	200	600	—	—	586-117111	586 117111S1
Continuous	4 (Isolated Coil, SPNO)	Standard	48	336.0	Silver Alloy	200	600	—	—	586-120111	586 120111S1
Continuous	6 (Isolated Coil, SPDT)	Standard	24	53.0	Silver Alloy	200	600	100	200	586-314111	586 314111S1
Continuous	6 (Isolated Coil, SPDT)	Standard	36	120	Silver Alloy	200	600	100	200	586-317111	586 317111S1

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

¹ Ideal for 12V charging systems