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[Carling Technologies](#)
[110-P](#)

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110/316P-Series

PUSHBUTTON SWITCHES

The 110/316P-Series provides a compact yet rugged solution to general purpose switch needs. Alternate action, metal construction and stiff (6-8 lb) actuation force have combined to make this switch a pillar in a variety of markets. This versatile switch is available in maintained and momentary circuits with a variety of termination and rating options.



Product Highlights:

- ♦ Ratings to 5A 250V, 10A 125V AC or DC
- ♦ Maintained or momentary circuitry
- ♦ On-Off, On-On and 2 circuit function options
- ♦ Choice of 4 different termination options

Typical Applications:

- ♦ Music Industry
- ♦ Audio/Visual
- ♦ Electronic Road Signs



2 | 110/316P-Series Pushbutton Switches - General Specifications, Ordering Scheme, Dimensional Specifications

Dielectric Strength

UL/CSA: 1000V - live to dead
metal parts & opposite polarity

Electrical Life

25,000 cycles

Mechanical Life

100,000 cycles

Operating Temperature

32°F to 185°F (0°C to 85°C)

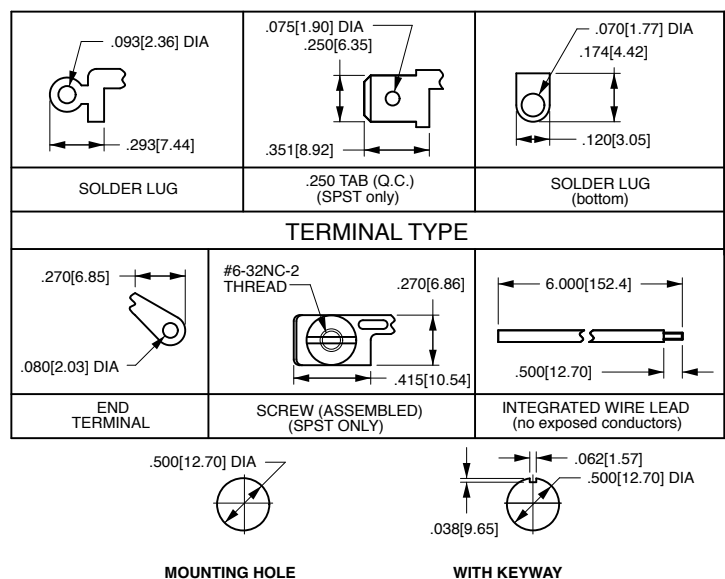
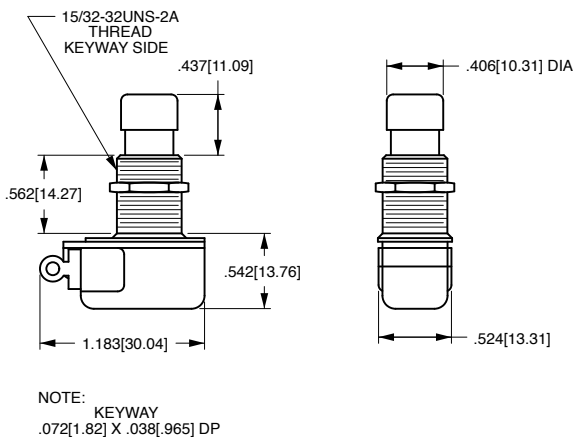
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¹
Part Number

1 PART NUMBER: SERIES / ACTUATOR / CIRCUITRY / RATING / TERMINATION

	solder lug (end)	solder lug (bottom)	screw terminals	wire leads
Single Pole				
3A 250V, 6A 125V				
OFF-ON	110-P	110-BP	110-SP	111-16-P
OFF-(ON)	110-PM-OFF	110-PBM-OFF	110-SPM-OFF	111-PM-OFF
ON-(OFF)	110-PM-ON	110-PBM-ON	110-SPM-ON	111-PM-ON
5A 250V, 10A 125V, 1/4 HP 125V				
OFF-ON	160H-P	160H-BP	160H-SP	160H-AP
1A 250V, 3A 125V				
ON-ON	112-P	-	-	112-PA
ON-(ON)	112-PM	-	-	112-PAM
Double Pole				
1A 250V, 3A 125V				
OFF-ON	216-PP	-	-	216-PPA
OFF-(ON)	216-PM-OFF	-	-	216-PAM-OFF
ON-(OFF)	216-PM-ON	-	-	216-PAM-ON
ON-ON	316-PP	316-B-PP	-	316-PPA
ON-(ON)	316-PM	316-B-PM	-	316-PAM
1 ON - 1 OFF (2 circuit)	516-PP	-	-	516-PPA
1 (ON) - 1 (OFF) (2 circuit)	516-PM	-	-	516-PAM

Notes:
() Indicates momentary function.



*Manufacturer reserves the right to change product specification without prior notice.

Authorized Sales Representatives

Click on the group name on the map below to find your local representative or visit www.carlingtech.com/findarep.



About Carling

Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With four ISO registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit www.carlingtech.com/company-profile.

To view all of Carling's environmental, quality, health & safety certifications please visit www.carlingtech.com/environmental-certifications

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