

G-Series

Toggle Switches

PRODUCT WEBPAGE

request sample, configure part



General purpose workhorses with options tailored to meet most any need. Ratings to 20A 277VAC, international approvals, various actuator, bushing, termination, and circuit choices allow this toggle switch to easily integrate into a variety of different applications. The G-Series is appropriate for usage in low voltage DC applications.

1-2
Poles

3-20
Amps

125, 250
VAC

12-24
VDC

Typical Applications

- Marine
- Generators
- Industrial
- Office Automation
- Medical Equipment

Tech Specs

Dielectric Strength

UL/CSA: 1000V - live to dead metal parts
& opposite polarity
VDE: 4000V - live to dead metal parts;
1250V - opposite polarity & across open
contacts

Electrical Life

50,000 cycles - maintained
25,000 cycles - momentary

Operating Temperature

32°F to 185°F (0° to 85°C)

Ordering Scheme

Sample
Part Number

2GM51 - 73

Selection

1

2

1. SERIES 3

3

Single Pole in Double Pole base
10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC
solder lug .250 tab screw term.

2A50	2A51	2A54	On-None-Off
6A5A	6A5B	6A5E	(On)-None-Off
6A5L	6A5M	6A5S	On-None-(Off)
2GB5	2GB1	2GB54	On-None-On
6GB5A	6GB5B	6GB5E	On-None-(On)
2GC50	2GC51	2GC54	On-Off-On
6GC5A	6GC5B	6GC5E	On-Off-(On)
6GC5L	6GC5M	6GC5S	(On)-Off-(On)

Double Pole

solder lug	.250 tab	screw term.
2GK50	2GK51	2GK54
6GK5A	6GK5B	6GK5E
6GK5L	6GK5M	6GK5S
2GL50	2GL51	2GL54
6GL5A	6GL5B	6GL5E
2GM50	2GM51	2GM54
6GM5A	6GM5B	6GM5E
6GM5L	6GM5M	6GM5S

10A 250VAC, 15A 125VAC, 12 (6)A 250VAC T85/55 ENEC/VDE Approved¹

2GA90	2GA91	-	On-None-Off	2GK90	2GK91
2GB90	2GB91	-	On-None-On	2GL90	2GL91
2GC90	2GC91	-	On-Off-On	2GM90	2GM91

Additional ratings up to 20A 125VAC, 12A 250VAC, IHP 120-240 VAC available.
Consult factory for specifics.

2. ACTUATOR STYLE 4

4

	unsealed	sealed	toggle length	bushing length
Bat	73	78	0.687	0.465
Paddle ⁵	NBL3	NBL8	0.687	0.465
Bat ²	D-3B-B	-	0.687	0.379
Paddle ²	-	D-4B-B	0.687	0.379

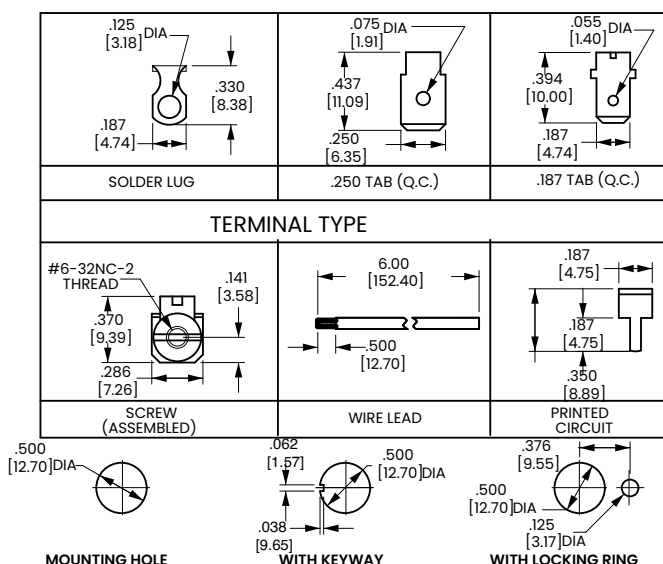
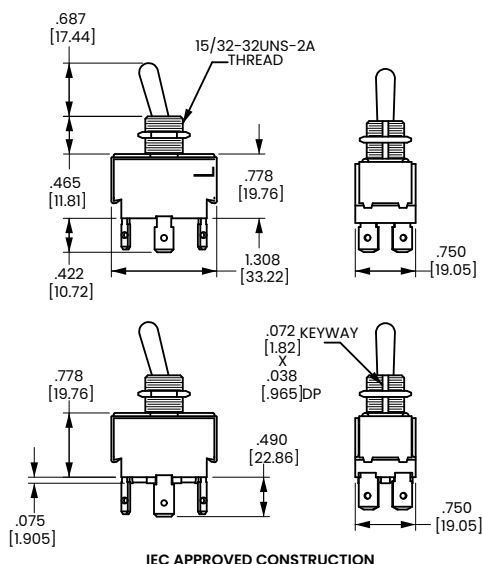
Notes:

- Notes:
- 1 Available with 3B and 4B Actuators only.
 - 2 All nylon bushing and toggle.
 - 3 Consult factory for .187 tab, wire lead and combination screw/tab/
solder lug termination callouts.
 - 4 Additional actuator options available. Consult factory.
 - 5 Nylon toggle with black ebanol plated bushing.
 - () Indicates momentary function.

 Configure Complete Part Number >[Browse Standard Parts >](#)

Dimensional Specs

inches [millimeters]



Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors 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 six ISO9001 and IATF16949 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.