

G-Series

Toggle Switches

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 has a storied history in the Marine, Food Service, Generator, Industrial Control, and Office Automation markets and is appropriate for usage in low voltage DC applications as well.



Carling Technologies®

Innovative Designs. Powerful Solutions.

Innovative Designs. Powerful Solutions.

Carling Technologies, Inc.
60 Johnson Avenue • Plainville, CT 06062-1177
Phone: (860) 793-9281 • Fax: (860) 793-9231
Email: sales@carlingtech.com • www.carlingtech.com

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

Mechanical Life

100,000 cycles

Operating Temperature

32°F to 185°F (0° to 85°C)

2GM51 - 73

1
Base Part Number

2 Actuator Style

1 BASE PART NUMBER: SERIES/CIRCUITRY/RATING/TERMINATION³

Single Pole in Double Pole base

Double Pole

10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC

solder lug	.250 tab	screw term.	solder lug	.250 tab	screw term.
2GA50	2GA51	2GA54	2GK50	2GK51	2GK54
6GA5A	6GA5B	6GA5E	6GK5A	6GK5B	6GK5E
6GA5L	6GA5M	6GA5S	6GK5L	6GK5M	6GK5S
2GB50	2GB51	2GB54	2GL50	2GL51	2GL54
6GB5A	6GB5B	6GB5E	6GL5A	6GL5B	6GL5E
2GC50	2GC51	2GC54	2GM50	2GM51	2GM54
6GC5A	6GC5B	6GC5E	6GM5A	6GM5B	6GM5E
6GC5L	6GC5M	6GC5S	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, 1HP 120-240 VAC available. Consult factory for specifics.

2 ACTUATOR STYLE⁴

	unsealed	sealed	toggle length	bushing length
BAT⁵	73	78	0.687	0.465
PADDLE⁵	NBL3	NBL8	0.687	0.465
BAT²	D-3B-B	-	0.687	0.379
PADDLE²	-	D-4B-B	0.687	0.379

Notes:

- 1 Not available with 73 or NBL3 style toggles, T55 with 78 and NBL8 style toggles.
- 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.



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

REV SW G 0912