

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 is appropriate for usage in low voltage DC applications.



Resources:

Download 3D CAD Files

[IGS >](#) [STP >](#)

Product Highlights:

- ♦ Ratings to 20A 277VAC available
- ♦ Metal bat or nylon bat/paddle actuator styles
- ♦ UL, CSA and VDE approvals for select circuits
- ♦ Suitable for low voltage 12/24V DC

Typical Applications:

- ♦ Marine
- ♦ Food Service
- ♦ Generator
- ♦ Industrial Control
- ♦ Office Automation



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Innovative Designs. Powerful Solutions.

Carling Technologies, Inc.
60 Johnson Avenue, Plainville, CT 06062
Email: sales@carlingtech.com
Application Support: team2@carlingtech.com
Phone: 860.793.9281 Fax: 860.793.9231

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 / TERMINATION ³**Single Pole in Double Pole base**

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

Double Pole

solder lug	.250 tab	screw term.		solder lug	.250 tab	screw term.
2GA50	2GA51	2GA54	On-None-Off	2GK50	2GK51	2GK54
6GA5A	6GA5B	6GA5E	(On)-None-Off	6GK5A	6GK5B	6GK5E
6GA5L	6GA5M	6GA5S	On-None-(Off)	6GK5L	6GK5M	6GK5S
2GB50	2GB51	2GB54	On-None-On	2GL50	2GL51	2GL54
6GB5A	6GB5B	6GB5E	On-None-(On)	6GL5A	6GL5B	6GL5E
2GC50	2GC51	2GC54	On-Off-On	2GM50	2GM51	2GM54
6GC5A	6GC5B	6GC5E	On-Off-(On)	6GM5A	6GM5B	6GM5E
6GC5L	6GC5M	6GC5S	(On)-Off-(On)	6GM5L	6GM5M	6GM5S
10A 250VAC, 15A 125VAC, 12 (6)A 250VAC T85/55 ENEC/VDE Approved ¹						
2GA90	2GA91	-	On-None-Off	2GK90	2GK91	
2GB90	2GB91	-	On-None-On	2GL90	2GL91	
2GC90	2GC91	-	On-Off-On	2GM90	2GM91	

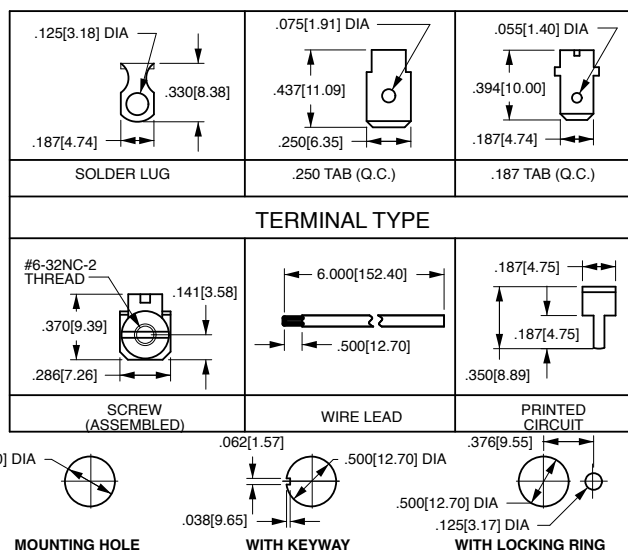
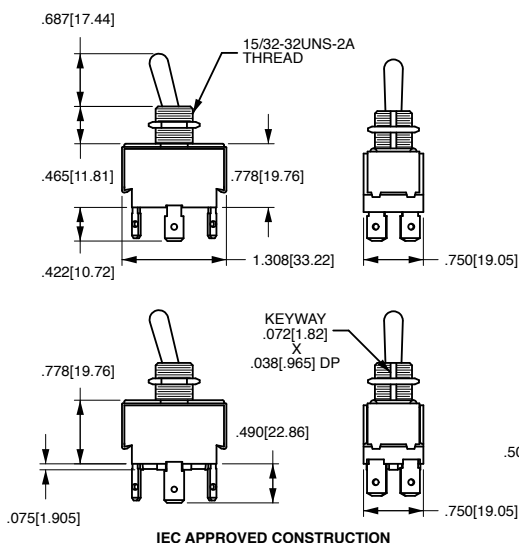
Additional ratings up to 20A 125VAC, 12A 250VAC, 1HP 120-240 VAC available. Consult factory for specifics.

2 ACTUATOR STYLE 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:

- Not available with 73 or NBL3 style toggles, T55 with 78 and NBL8 style toggles.
- All nylon bushing and toggle.
- Consult factory for .187 tab, wire lead and combination screw/tab/solder lug termination callouts.
- Additional actuator options available. Consult factory.
- Nylon toggle with black ebanol plated bushing.
- () Indicates momentary function.



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

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

Worldwide Headquarters

Carling Technologies, Inc.
60 Johnson Avenue, Plainville, CT 06062
Phone: 860.793.9281 **Fax:** 860.793.9231
Email: sales@carlingtech.com

Northern Region Sales Office: nrsm@carlingtech.com
Southeast Region Sales Office: sersm@carlingtech.com
Midwest Region Sales Office: mrsm@carlingtech.com
West Region Sales Office: wrsm@carlingtech.com
Latin America Sales Office: larsm@carlingtech.com

Asia-Pacific Headquarters

Carling Technologies, Asia-Pacific Ltd.,
Kowloon, Hong Kong
Phone: Int + 852-2737-2277 **Fax:** Int + 852-2736-9332
Email: sales@carlingtech.com.hk

Shenzhen, China: shenzhen@carlingtech.com
Shanghai, China: shanghai@carlingtech.com
Pune, India: india@carlingtech.com
Kaohsiung, Taiwan: taiwan@carlingtech.com
Yokohama, Japan: japan@carlingtech.com

Europe | Middle East | Africa Headquarters

Carling Technologies LTD
4 Airport Business Park, Exeter Airport,
Clyst Honiton, Exeter, Devon, EX5 2UL, UK
Phone: Int + 44 1392.364422 **Fax:** Int + 44 1392.364477
Email: ltd.sales@carlingtech.com

Germany: gmbh@carlingtech.com
France: sas@carlingtech.com



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