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.

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

Resources:
Download 3D CAD Files
- IGS
- STP
### 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)

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#### G-Series - Toggle Switches - General Specifications, Ordering Scheme, Dimensional Specifications

<table>
<thead>
<tr>
<th>1 BASE PART NUMBER</th>
<th>SERIES / CIRCUITRY / RATING / TERMINATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Pole in Double Pole base</td>
<td>Double Pole</td>
</tr>
<tr>
<td>10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base Part Number</th>
<th>Actuator Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>2GM51</td>
<td>73</td>
</tr>
</tbody>
</table>

#### 2 ACTUATOR STYLE

<table>
<thead>
<tr>
<th>BAT</th>
<th>73</th>
<th>sealed</th>
<th>toggle length</th>
<th>bushing length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PADDLE 5</td>
<td>NBL3</td>
<td>NBL8</td>
<td>0.687</td>
<td>0.465</td>
</tr>
<tr>
<td>PADDLE 2</td>
<td>D-3B-B</td>
<td>-</td>
<td>0.687</td>
<td>0.379</td>
</tr>
</tbody>
</table>

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.
5. Nylon toggle with black ebonol plated bushing.

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

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