

C1005B-Series

THERMAL CIRCUIT PROTECTORS

Carling Technologies is pleased to introduce the latest addition to our Thermal Circuit Protector line, the C1005B-Series.

Designed for an industry standard .550 x 1.125 mounting hole, the C1005B-Series is a switch and circuit protector in one small, compact package. This combo-device eliminates the need for both a switch and thermal circuit protector on customer panels. By using only this multipurpose product, wiring and assembly costs are greatly reduced, while at the same time, valuable panel real estate is saved.

The C1005B-Series is available lighted or unlighted, in a variety of colors, with solder lug or .250 Tabs. Current ratings range from 7-16 amps @ 125 and 250 VAC and up to 32 VDC.

Key Applications for the C-1005B-Series include:

Household and Commercial Appliances
Transportation
Marine
Telecommunications
Power Strips
Audio-visual Equipment
Medical equipment
Power supplies
Generators

Safety Regulatory Agency Approvals:

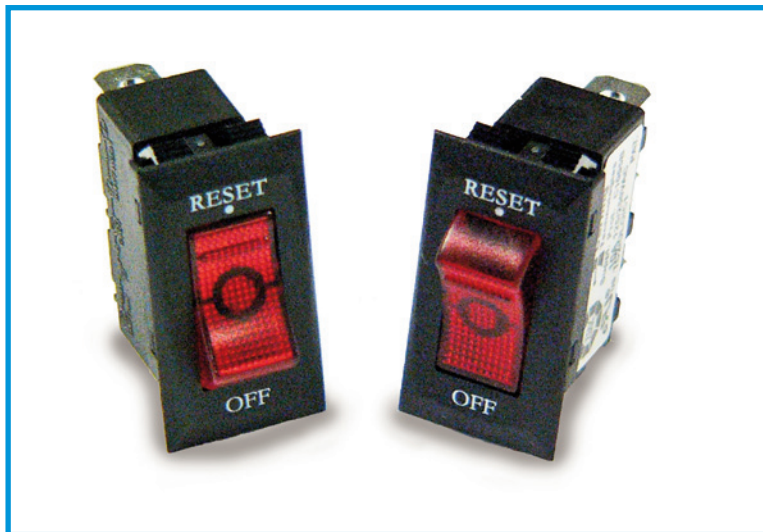
UL, CUL, TUV

Product Availability: October 2008

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Carling Technologies' new C1005B-Series thermal circuit protector is a switch & circuit protector in one small, compact package!

Key Features/Specifications of the C1005B-Series include:

- Industry Standard .550 X 1.125 mounting hole (14mm X 28.6mm)
- Ratings from 7-16 Amps
- Standard Reset/Off Legend
- Aesthetically pleasing Curved Rocker & Angular Bezel
- .250 Tabs or Solder Lug Terminations
- 65°C Max Operating Temperature
- 1000 AIC Interrupting Capacity
- 1500 VAC Dielectric Strength
- 100 megaohms at 500 VDC Insulation Resistance
- Compact Space-saving Envelope
- UL1077, UL1363, IEC 60934



Carling Technologies™

Innovative Designs. Powerful Solutions.

www.carlingtech.com

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THERMAL CIRCUIT PROTECTORS

Ordering Scheme

C1005B – **3** **B** **15** **1** **B** **R** **3**

1 Series 2 Illumination 3 Termination 4 Current Rating 5 Contact Material 6 Bezel Legend 7 Rocker Color 8 Lamp Voltage

1 SERIES

C1005B

2 ILLUMINATION

- 2 Non-Lighted
- 3 Lighted

3 TERMINATION

- A Solder Lug
- B .250 Tab

4 CURRENT RATING (AMPERES)

- | | | | |
|----|---------|----|---------|
| 07 | 7 amps | 12 | 12 amps |
| 08 | 8 amps | 13 | 13 amps |
| 09 | 9 amps | 14 | 14 amps |
| 10 | 10 amps | 15 | 15 amps |
| 11 | 11 amps | 16 | 16 amps |

5 CONTACT MATERIAL

- 1 SilverCad Oxide (switch), Silver plated copper (breaker)
- 3 SilverCad Oxide (switch & breaker)

6 BEZEL LEGEND IMPRINT

- B Black Bezel with white legend
- W White Bezel with black legend
- C Gray Bezel with black legend

7 ROCKER COLOR

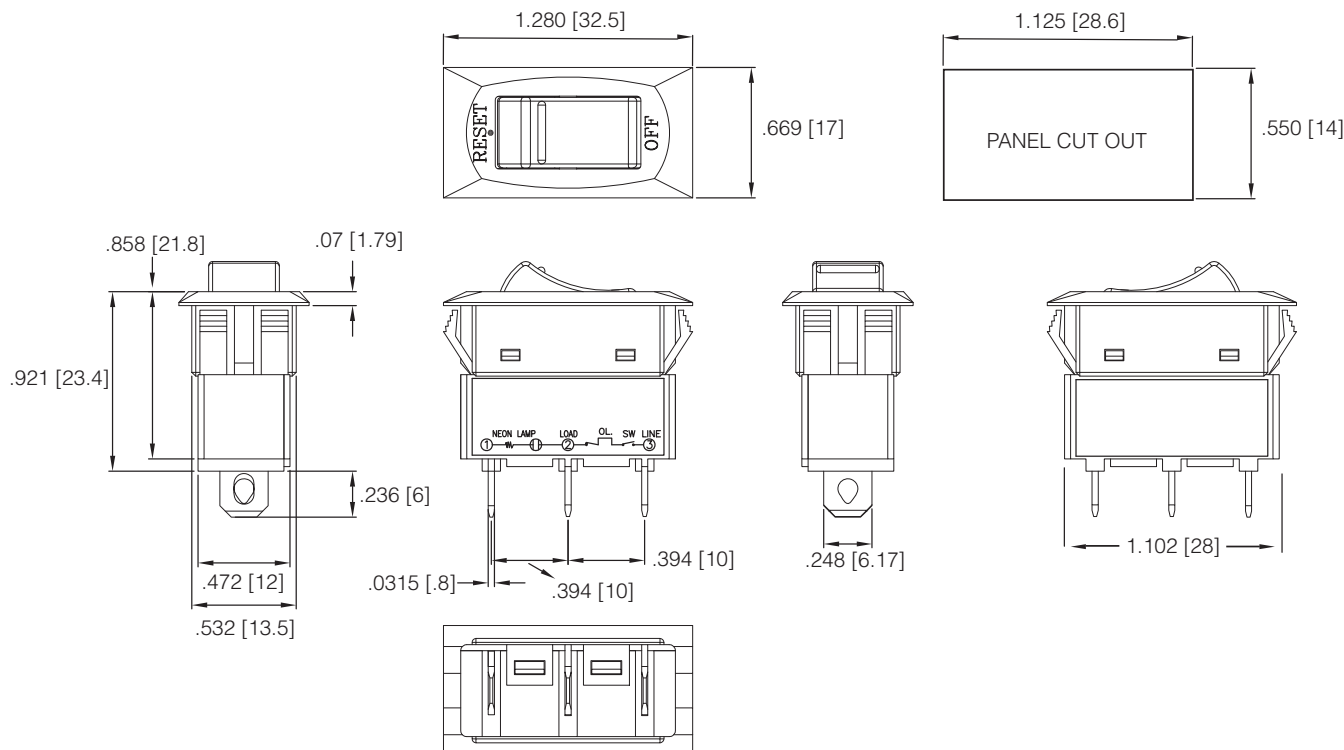
- R Red
- G Green
- U Blue
- T Clear

NOTE: RESET OFF Legend is standard.

8 LAMP VOLTAGE

- 3 Neon Lamp 125/250 VAC
- 9 Non-lighted

Dimensional Specifications: in. [mm]



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