

SLC CLASS G FUSES

480/600 V ac • Time-Delay • 1/2-60 A



Description

Littelfuse SLC fuses provide cost effective branch circuit protection. Fuse length varies to prevent over-fusing. Compact Class G fuses were the first fuse series to approach mid-gate fuse dimensions and meet NEC® requirements for branch-circuit protection.

Features/Benefits

- Branch circuit rated
- Current-limiting
- 100 kA interrupting rating
- 600 V ac rated 1/2-20 A

Applications

- Branch circuit protection

Web Resources

Download TC Curves, CAD drawings and other technical information: littelfuse.com/slc

Recommended Fuse Holders

LFG60 Series (1/2-20 A)
LFG48 Series (25-60 A)

Specifications

| | |
|-----------------------------|--|
| Voltage Ratings | 600 V ac (1/2 – 20 A) 480 V ac (25 – 60 A) 170 V dc (1/2 – 60 A) (Littelfuse self-certified) |
| Interrupting Ratings | AC: 100 kA rms symmetrical DC: 10 kA |
| Ampere Range | 1/2 – 60 A |
| Approvals | Standard 248-5, Class G UL Listed (File: E81895) CSA Certified (File: LR29862) Federal Specification WF-1814 (QPL-W-F-1814) |
| Environmental | RoHS Compliant |

Ordering Information

Part Numbering System



| SERIES | AMP | PACKAGE QUANTITY | CATALOG NUMBER | ORDERING NUMBER |
|--------|-----|------------------|----------------|-----------------|
| SLC | 2 | 10 | SLC002 | OSLC002.T |

Dimensions

Ferrule Version



| AMP | DIMENSIONS INCHES (mm) | | | |
|----------|------------------------|-----------|------------|--------------|
| | A | B | C | D |
| 1/2 – 15 | 1 5/16 (33.3) | 3/8 (9.5) | 3/8 (9.5) | 13/32 (10.3) |
| 20 | 1 13/32 (35.7) | 3/8 (9.5) | 3/8 (9.5) | 13/32 (10.3) |
| 25, 30 | 1 5/8 (41.3) | 3/8 (9.5) | 3/8 (9.5) | 13/32 (10.3) |
| 35 – 60 | 2 1/4 (57.2) | 3/8 (9.5) | 1/2 (12.7) | 13/32 (10.3) |

Disclaimer Notice – Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at www.littelfuse.com/product-disclaimer.