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# TLS SERIES TELECOM POWER FUSE

170 Vdc • Current-Limiting • 1-125 A



## Description

Littelfuse TLS Series fuses are designed specifically for the protection of telecommunications equipment. TLS fuses have been engineered to operate up to 170 Vdc to provide current-limiting short-circuit protection for cables and components found in the DC power distribution circuits of telecommunications systems. The compact design and multiple mounting configurations of the TLS series allow it to be used in a variety of applications.

## Features

- 170 Vdc rating
- Current-limiting
- 1 to 125 amperes rating
- Multiple mounting configurations — Cartridge, Vertical, Leaded, Bolt-In, or Solder type. See dimensions on page 2 for mounting style details.
- RoHS Compliant

## Web Resources

For additional information, visit:

[littelfuse.com/tls](http://littelfuse.com/tls)

## Recommended Fuse Holders

LFT30060 for TLS series cartridge style fuse

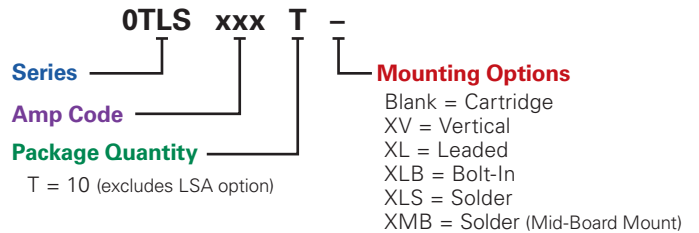
## Specifications

|                            |   |
|----------------------------|---|
| <b>Voltage Rating</b>      | 170 Vdc   |
| <b>Ampere Range</b>        | 1 – 125 A   |
| <b>Interrupting Rating</b> | 100 kA  |
| <b>Approvals</b>           | UL Recognized (File: E71611)                      |
| <b>Construction</b>        | Body: Glass melamine<br>Caps: Silver-plated brass |
| <b>Environmental</b>       | RoHS Compliant, Lead (Pb) Free                    |

## Ordering Information

| AMPERE RATINGS |    |    |    |      |
|----------------|----|----|----|------|
| 1              | 6  | 25 | 50 | 90   |
| 2              | 10 | 30 | 60 | 100  |
| 3              | 15 | 35 | 70 | 110* |
| 5              | 20 | 40 | 80 | 125* |

\*Available in standard cartridge only.



| SERIES | AMP | MOUNTING METHOD | MOUNTING SUFFIX | CATALOG NUMBER | ORDERING NUMBER |
|--------|-----|-----------------|-----------------|----------------|-----------------|
| TLS    | 6   | Cartridge       | –               | TLS006         | 0TLS006.T       |
| TLS    | 15  | Vertical        | V               | TLS015V        | 0TLS015.TXV     |
| TLS    | 35  | Leaded          | L               | TLS035L        | 0TLS035.TXL     |
| TLS    | 50  | Bolt-In         | LB              | TLS050LB       | 0TLS050.TXLB    |
| TLS    | 80  | Solder          | LS              | TLS080LS       | 0TLS080.TXLS    |
| TLS    | 100 | Solder          | MB              | TLS100MB       | 0TLS100.TXMB    |

# TLS SERIES TELECOM POWER FUSE

## Dimensions Inches (mm)

