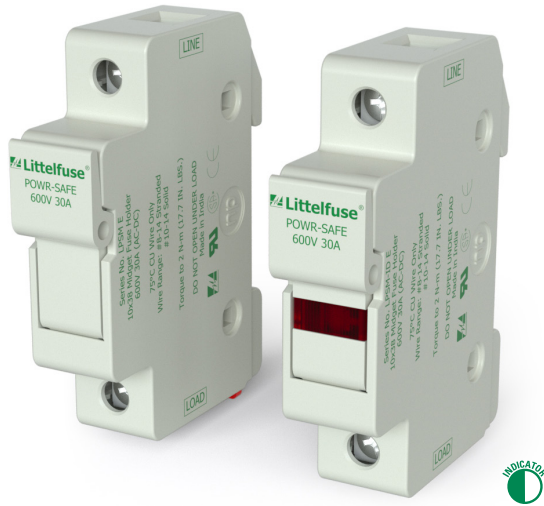


# Dead Front Fuse Holders

## LPSM Series POWR-SAFE Fuse Holders

600 V Ac/Dc



### Description

The POWR-SAFE LPSM series dead front fuse holders feature touch-safe protection for personnel when installing and removing fuses. These fuse holders are intended to house midget-style (10x38 mm) and Class CC fuses. They are available in 1-, 2-, 3-, and 4-pole configurations and are offered in indicating and non-indicating options. The LPSM series is DIN-rail mountable and easily installed and removed with no additional fuse pullers or tools. The indicating fuse holders show blown fuse indication above 80 V.

For additional product information, contact Littelfuse Technical Support at 1-800-TEC-FUSE or [techline@littelfuse.com](mailto:techline@littelfuse.com).

### Features & Benefits

| FEATURES  | BENEFITS   |
|---|--|
| <b>Meets dead front requirements</b>                | Offering maximum safety for personnel                          |
| <b>35 mm DIN-rail mountable</b>                     | Provides easy installation in various settings                 |
| <b>Compact design</b>                               | Saves space and offers design flexibility                      |
| <b>No fuse pullers or additional tools required</b> | Enables simple removal   |
| <b>Ventilated design</b>                            | Delivers cooler operation for better performance and longevity |

### Applications

- For use with Class CC and midget-style (10 x 38 mm) fuses

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### Specifications


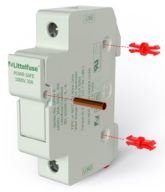


|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Voltage Rating</b>          | 600 V Ac/Dc                           |
| <b>Indicator Voltage</b>       | 80 V Minimum                          |
| <b>Ampere Rating</b>           | 30 A                                  |
| <b>Withstand Rating</b>        | 200 kA*                               |
| <b>Operating Temperature</b>   | -55 °C to +125 °C (-67 °F to +257 °F) |
| <b>Fuse Type</b>               | Midget (10 x 38 mm) and UL Class CC   |
| <b>Terminal Type</b>           | Pressure Plate with Combo Head Screw  |
| <b>Suggested Torque</b>        | 17.7 in-lbs (2 Nm)                    |
| <b>Housing Material</b>        | Thermoplastic                         |
| <b>Fuse Clip Material</b>      | Silver-plated Copper                  |
| <b>Terminal Material</b>       | Zinc-plated Steel (Pressure Plate)    |
| <b>Terminal Screw Material</b> | Zinc-plated Steel                     |
| <b>Flammability Rating</b>     | UL 94 V-0                             |
| <b>Application Standards</b>   | UL 4248-1, -14                        |
| <b>Environmental</b>           | RoHS Compliant, Lead (Pb) Free        |
| <b>Country of Origin</b>       | India                                 |

\*With appropriate fusing

### Certification & Compliance

|                     |  |
|---------------------|--|
| <b>UR</b>           | UL Recognized (File: E14721)                         |
| <b>CE</b>           | EU Declaration of Conformity (LPSM_201113)           |
| <b>CSA</b>          | CSA Certified (File: 007316_0_000)                   |
| <b>RoHS</b>         | RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863 |
| <b>Pb Lead-free</b> | Yes  |

### Accessories

| IMAGE  | CATALOG #                | TYPE                    | APPLICATION   | DESCRIPTION   |
|--|--------------------------|-------------------------|---|---|
|  <p>Connector pincer<br/>Handle pin</p> | CYHP001Z-KIT-E           | Multi-pole Assembly Kit |  | The connector pincers are used to safely and easily snap two fuse holders together creating a multi-pole assembly. When the handle pin is used, it allows the doors of each fuse holder to open and operate simultaneously. Kit contains 20 connector pincers and 10 handle pins. |
|   | 1PH Series<br>3PH Series | Busbar                  |  | The Littelfuse bus bar system eliminates most wire terminations in a time-saving package. A power distribution block and associated conductors are no longer needed to feed multiple POWR-SAFE fuse holders.  |

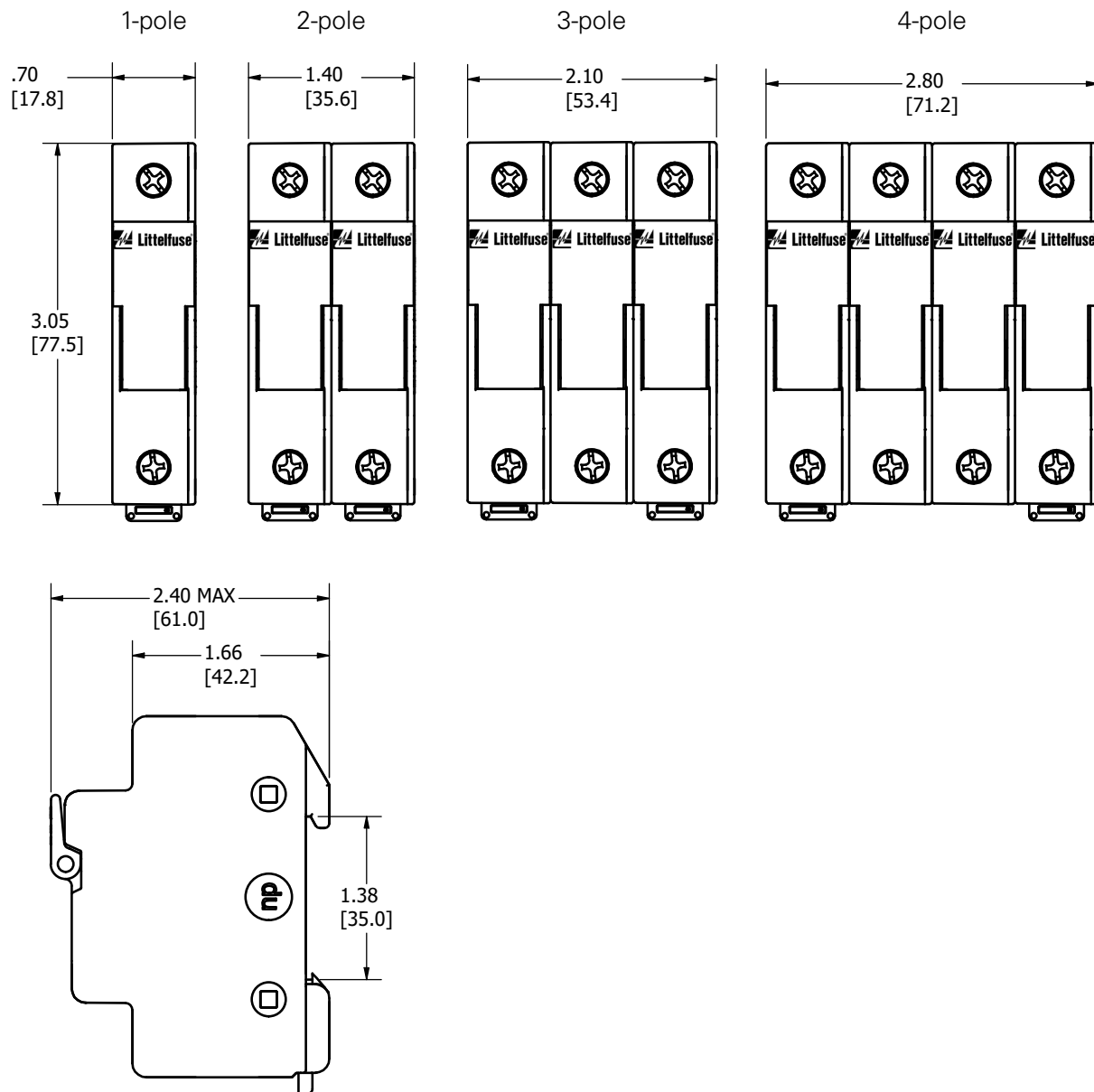
# Dead Front Fuse Holders

## LPSM Series POWR-SAFE Fuse Holders

### Ordering Information

| INDICATING     |                 | NON-INDICATING |                 | FUSE TYPE                 | POLES | WIRE TYPE        |  |
|----------------|-----------------|----------------|-----------------|---------------------------|-------|------------------|--|
| CATALOG NUMBER | ORDERING NUMBER | CATALOG NUMBER | ORDERING NUMBER |                           |       |                  |  |
| LPSM001IDE     | LPSM0001ZXIDE   | LPSM001ZE      | LPSM0001ZXE     | Class CC and midget-style | 1     | 75 °C<br>CU Only | 8-14 AWG Stranded UL Class B<br>and Class C Wire<br>10-14 AWG Solid Wire |
| LPSM002IDE     | LPSM0002ZXIDE   | LPSM002ZE      | LPSM0002ZXE     | Class CC and midget-style | 2     |                  |  |
| LPSM003IDE     | LPSM0003ZXIDE   | LPSM003ZE      | LPSM0003ZXE     | Class CC and midget-style | 3     |                  |  |
| LPSM004IDE     | LPSM0004ZXIDE   | LPSM004ZE      | LPSM0004ZXE     | Class CC and midget-style | 4     |                  |  |

### Dimensions Inches (Millimeters)



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