

# Dead Front Fuse Holders

## LFPSC Series

600 V • Class CC



### Description

The LFPSC POWR-SAFE series dead front fuse holders feature the IP20 touch-safe design for maximum protection to personnel. These fuse holders are intended to house Class CC 10 x 38 midget-style fuses. They are available in 1-, 2-, 3-, and 4-pole configurations and are offered in indicating and non-indicating options. The LFPSC series is DIN-rail mountable and easily installed and removed with no additional fuse pullers or tools. These high SCCR-rated fuse holders have a large clamping range with dual-wire-rated terminals.

### Features & Benefits

| FEATURES                             | BENEFITS                                     |
|--------------------------------------|----------------------------------------------|
| <b>Meets dead front requirements</b> | Maximum safety for personnel                 |
| <b>35 mm DIN-rail mountable</b>      | Easy installation in various settings        |
| <b>Compact design</b>                | Ultimate flexibility, space-saving           |
| <b>Easy removal</b>                  | No fuse pullers or additional tools required |
| <b>Dual LED indication</b>           | Distinguishes polarity in dc applications    |

### Applications

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

### Specifications

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>Voltage Rating</b>           | 600 V ac/dc                    |
| <b>Ampere Rating</b>            | 30 A                           |
| <b>SCCR Rating</b>              | 200 kA                         |
| <b>Power Acceptance</b>         | 3W Maximum                     |
| <b>Indication Voltage Range</b> | 110–600 V ac/dc                |
| <b>Terminal Type</b>            | Pressure Plate                 |
| <b>Material</b>                 | Thermoplastic                  |
| <b>Flammability Rating</b>      | UL94 V-0, self-extinguishing   |
| <b>Environmental</b>            | RoHS compliant, Lead (Pb) free |

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### Certification & Compliance

|             |                                                      |
|-------------|------------------------------------------------------|
| <b>UL</b>   | UL Listed (File: E14721)                             |
| <b>CSA</b>  | CSA File: 256018                                     |
| <b>CE</b>   | EU Declaration of Conformity EU_DOC-LFPSC_200929     |
| <b>RoHS</b> | RoHS 2 Directive 2011/65/EU; Directive (EU) 2015/863 |

### Accessories

Class CC fuses  
Multi-Pole Assembly Kit

### Ordering Information

| VOLTAGE     | AMPERE | SCCR RATING | POLES | FUSE TYPE | SERIES | NON-INDICATING |                 | INDICATING     |                 | PACK QUANTITY |
|-------------|--------|-------------|-------|-----------|--------|----------------|-----------------|----------------|-----------------|---------------|
|             |        |             |       |           |        | CATALOG NUMBER | ORDERING NUMBER | CATALOG NUMBER | ORDERING NUMBER |               |
| 600 V ac/dc | 30 A   | 200 kA      | 1     | Class CC  | LFPSC  | LFPSC001       | LFPSC0001Z      | LFPSC001ID     | LFPSC0001ZXID   | 12            |
|             |        |             | 2     |           | LFPSC  | LFPSC002       | LFPSC0002Z      | LFPSC002ID     | LFPSC0002ZXID   | 6             |
|             |        |             | 3     |           | LFPSC  | LFPSC003       | LFPSC0003Z      | LFPSC003ID     | LFPSC0003ZXID   | 4             |
|             |        |             | 4     |           | LFPSC  | LFPSC004       | LFPSC0004Z      | LFPSC004ID     | LFPSC0004ZXID   | 3             |

**Multi-Pole Assembly Kit** Ordering No. CYHP0001Z-KIT  
(Kit contains 20 connector pincers & 10 handle pins)

### Multi-Pole Assembly Kits

| POLES | PINCER QTY. | PIN QTY. | ASSEMBLY SETS | ORDERING NUMBER |
|-------|-------------|----------|---------------|-----------------|
| 2     | 30          | 10       | 10 pack       | LFPHV2PAK       |
| 3     | 60          | 20       | 10 pack       | LFPHV3PAK       |



Connector Pincer



Handle Pin

### Terminal Information

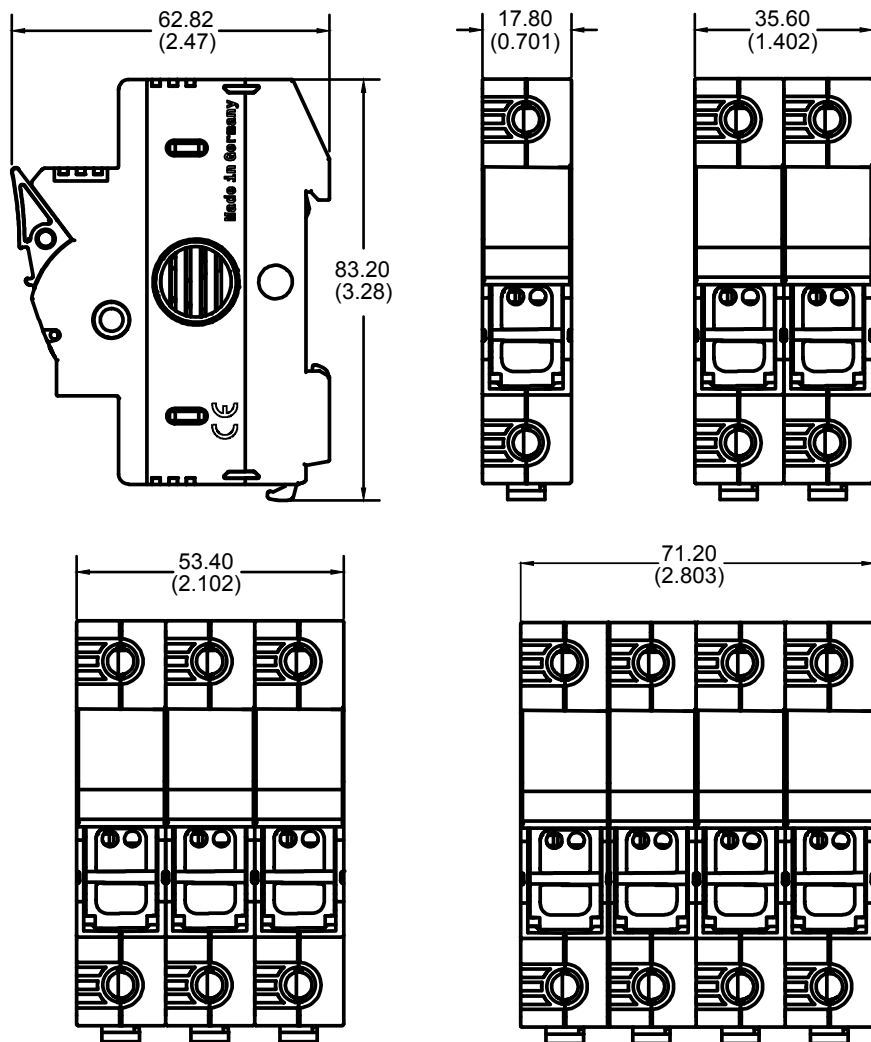
| TERMINAL TYPE  | WIRE TYPE          |          | NUMBER OF WIRES | WIRE SIZE                             | TORQUE                     |
|----------------|--------------------|----------|-----------------|---------------------------------------|----------------------------|
| Pressure Plate | 75° Max<br>CU Only | Stranded | 1               | 18–8 AWG<br>(.75–25 mm <sup>2</sup> ) | 18–22 lb-in<br>(2–2.5 N-m) |
|                |                    |          | 1               | 6–4 AWG                               | 22–26 lb-in                |
|                |                    |          | 2†              | 18–6 AWG<br>(.75–10 mm <sup>2</sup> ) | 18–22 lb-in<br>(2–2.5 N-m) |

† Must be the same cross-sectioned size

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### Dimensions Millimeters (inches)



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