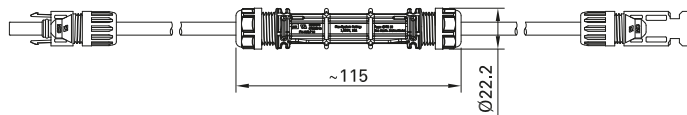



# In-line-Fuse PV-K/ILF

PV-K/ILF...UL



| Order No.       | Type                    | Safety  | Type of connector/socket | Length | Approvals   |
|-----------------|-------------------------|---------|--------------------------|--------|---|
|                 |                         | A/V     | mm                       | cm     |   |
| 55000140-0050UL | PV-K/ILF4/6N0050UL      | 4/1000  | MC4                      | 50     |  |
| 55000127-0050UL | PV-K/ILF10/6N0050UL     | 10/1000 |                          |        |   |
| 55000128-0050UL | PV-K/ILF15/6N0050UL     | 15/1000 |                          |        |   |
| 55000129-0050UL | PV-K/ILF20/6N0050UL     | 20/1000 |                          |        |   |
| 55000130-0050UL | PV-K/ILF30/6N0050UL     | 30/1000 |                          |        |   |
| 55000189-0055UL | PV-K/1500ILF4/6N0055UL  | 4/1500  | MC4                      | 55     |   |
| 55000190-0055UL | PV-K/1500ILF10/6N0055UL | 10/1500 |                          |        |   |
| 55000191-0055UL | PV-K/1500ILF15/6N0055UL | 15/1500 |                          |        |   |
| 55000192-0055UL | PV-K/1500ILF20/6N0055UL | 20/1500 |                          |        |   |

The in-line fuse PV-K/ILF with a crimping connection guarantees a long-lasting, stable connection in comparison to conventional clip-in clamps:

- Minimal energy loss, low heat generation
  - Robust housing, safety class IP68
  - Cable cross section 10 AWG/6 mm<sup>2</sup>
  - Cable cTÜVus certified
- Two standard lengths:
  - 50 cm (1000 V) and 55 cm (1500 V)
  - Other lengths upon request

| Technical data                                      |  |
|---|--|
| Connector system                                    | MC4  |
| Rated current fuse                                  | 1000 V: 4 A, 10 A, 15 A, 20 A, 30 A<br>1500 V: 4A , 10 A, 15 A, 20 A |
| Rated voltage fuse                                  | 1000 V (50 cm)<br>1500 V (55 cm)                                     |
| Insulation test voltage                             | 6600 V   |
| Ambient temperature                                 | -40°C...+50°C (UL9703)   |
| Upper limiting temperature                          | 105°C  |
| Contact resistance of plug connectors               | ≤0.25 mΩ   |
| Contact material                                    | Copper alloy, tin-plated   |
| Insulation material                                 | PC/PA/PA + GF  |
| Flame class   | UL94-V0  |
| UL-recognized components in accordance with UL 9703 | E474445  |