

# 13 Fuse holders and fuses

DC fuse holders for photovoltaic applications.

## Fuse holders for photovoltaic applications UL Listed / CSA certified up to 1000VDC



FB01D...



FB01D1PL

| Order code | Pole arrangement | Status indicator | DIN size | Qty per pkg | Wt   |
|------------|------------------|------------------|----------|-------------|------|
|            |                  |                  | n°       | n°          | [kg] |

For 10x38mm fuses.  
IEC 32A rated current at 1000VDC.

|                 |    |     |   |    |       |
|-----------------|----|-----|---|----|-------|
| <b>FB01D1P</b>  | 1P | —   | 1 | 12 | 0.064 |
| <b>FB01D1PL</b> | 1P | YES | 1 | 12 | 0.065 |
| <b>FB01D2P</b>  | 2P | —   | 2 | 6  | 0.127 |
| <b>FB01D2PL</b> | 2P | YES | 2 | 6  | 0.130 |

NOTE: UL Listed and CSA certified as "Photovoltaic fuseholders" for use with Photovoltaic Fuses. Interrupting rating 30,000 DC Amps. Voltage rating 1000V. Current rating 30A.

### Operational characteristics

- IEC rated voltage Un: 1000VDC
- IEC rated current In: 32A
- IEC utilisation category: DC20B 1000VDC
- Suitable for IEC fuse class: gPV
- IEC degree of protection: IP20.

### Certifications and compliance

Certifications obtained: UL Listed for USA (UL - File E366062) and CSA certified for Canada (File 252040 class 3211), EAC.  
Compliant with standards: IEC/EN/BS 60269-1, IEC 60269-2, IEC/EN/BS 60947-1, IEC/EN/BS 60947-3, UL 4248-1, UL4248-18, CSA C22.2 n° 4248-1, CSA C22.2 n° 4248-18.

## Fuses for photovoltaic applications up to 1000VDC



FE01D...

| Order code | Rated current In | Qty per pkg | Wt   |
|------------|------------------|-------------|------|
|            | [A]              | n°          | [kg] |

10x38mm fuses.  
IEC 30kA breaking capacity at 1000VDC.

|                   |    |    |       |
|-------------------|----|----|-------|
| <b>FE01D00200</b> | 2  | 10 | 0.008 |
| <b>FE01D00400</b> | 4  | 10 | 0.008 |
| <b>FE01D00600</b> | 6  | 10 | 0.008 |
| <b>FE01D00800</b> | 8  | 10 | 0.008 |
| <b>FE01D01000</b> | 10 | 10 | 0.008 |
| <b>FE01D01200</b> | 12 | 10 | 0.008 |
| <b>FE01D01600</b> | 16 | 10 | 0.008 |
| <b>FE01D02000</b> | 20 | 10 | 0.008 |

### Operational characteristics

- IEC rated voltage Un: 1000VDC
- IEC rated current In: 2...20A
- IEC fuse class: gPV.

### Certifications and compliance

Certifications obtained: EAC.  
Compliant with standards: IEC/EN/BS 60269-6.

## Fuse holders for photovoltaic applications up to 1500VDC



FB04D1P



FB04D1PL

**new**

| Order code | Pole arrangement | Status indicator | Qty per pkg | Wt   |
|------------|------------------|------------------|-------------|------|
|            |                  |                  | n°          | [kg] |

10x85mm and 14x85mm fuses.  
IEC 32A rated current at 1500VDC.

|                 |    |     |   |       |
|-----------------|----|-----|---|-------|
| <b>FB04D1P</b>  | 1P | No  | 6 | 0.109 |
| <b>FB04D1PL</b> | 1P | Yes | 6 | 0.110 |

### Operational characteristics

- IEC rated voltage Un: 1500VDC
- IEC rated current In: 32A
- IEC utilisation category: DC20B 1500VDC
- Suitable for IEC fuse class: gPV
- IEC degree of protection: IP20.

### Certifications and compliance

Compliant with standards: IEC/EN/BS 60947-3.

## Fuses for photovoltaic applications up to 1500VDC



FE05D...



FE04D...

**new**

| Order code | Rated current In | Qty per pkg | Wt   |
|------------|------------------|-------------|------|
|            | [A]              | n°          | [kg] |

10x85mm fuses.  
IEC 10kA breaking capacity at 1500VDC.

|                 |    |    |       |
|-----------------|----|----|-------|
| <b>FE04D006</b> | 6  | 10 | 0.019 |
| <b>FE04D010</b> | 10 | 10 | 0.019 |
| <b>FE04D015</b> | 15 | 10 | 0.019 |
| <b>FE04D020</b> | 20 | 10 | 0.019 |

14x85mm fuses.  
IEC 10kA breaking capacity at 1500VDC.

|                 |    |   |       |
|-----------------|----|---|-------|
| <b>FE05D020</b> | 20 | 5 | 0.031 |
| <b>FE05D025</b> | 25 | 5 | 0.031 |
| <b>FE05D032</b> | 32 | 5 | 0.031 |

### Operational characteristics

- IEC rated voltage Un: 1500VDC
- IEC rated current
  - In: 6...20A for 10x85mm version
  - In: 20...32A for 14x85mm version
- Suitable for IEC fuse class: gPV.

### Certifications and compliance

Compliant with standards: IEC/EN/BS 60269-6.