

## Fuse modular terminal block - UK 10,3 HESILED 1000V - 3211249

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Fuse terminal block with light indicator, for cartridge fuse insert 10.3 x 38 mm, cross section: 1.5 - 25 mm<sup>2</sup>, AWG: 16 - 4, width: 18 mm, color: Black

### Your advantages

- For 10 x 38 gPV fuse-links in accordance with IEC 60269-6
- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- Easy to bridge
- 
- Fuse holder for fusing 400 V – 1000 V DC PV strings
- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- Easy to bridge

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 046356 482400 |
| GTIN         | 4046356482400                                                                                           |

### Technical data

#### General

|                                                 |                        |
|-------------------------------------------------|------------------------|
| Number of levels                                | 1                      |
| Number of connections                           | 2                      |
| Nominal cross section                           | 16 mm <sup>2</sup>     |
| Color                                           | black                  |
| Insulating material                             | PA                     |
| Flammability rating according to UL 94          | V0                     |
| Maximum power dissipation for nominal condition | 2.43 W                 |
| Fuse                                            | 10.3 x 38 mm           |
| Fuse type                                       | Glass / ceramics / ... |

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## Technical data

### General

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| Rated surge voltage              | 6 kV                                                        |
| Degree of pollution              | 3                                                           |
| Overvoltage category             | II                                                          |
| Insulating material group        | IIIb                                                        |
| Connection in acc. with standard | IEC 60269-1 / -2                                            |
| Maximum load current             | 30 A (the current and voltage are determined by the fuse)   |
| Nominal current $I_N$            | 30 A (the current and voltage are determined by the fuse)   |
| Nominal voltage $U_N$            | 1000 V (the current and voltage are determined by the fuse) |
| Open side panel                  | No                                                          |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 18 mm   |
| Length           | 81 mm   |
| Height NS 35/7,5 | 65.5 mm |
| Height NS 35/15  | 73 mm   |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.75 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 25 mm <sup>2</sup>   |
| Conductor cross section flexible min.                                                   | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 25 mm <sup>2</sup>   |
| Conductor cross section AWG min.                                                        | 16                   |
| Conductor cross section AWG max.                                                        | 3                    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.75 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 16 mm <sup>2</sup>   |
| Cross section with insertion bridge, solid max.                                         | 10 mm <sup>2</sup>   |
| Cross section with insertion bridge, stranded max.                                      | 10 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.                                        | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup>   |
| Cross section with insertion bridge, solid max.                                         | 10 mm <sup>2</sup>   |
| Cross section with insertion bridge, stranded max.                                      | 10 mm <sup>2</sup>   |

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### Technical data

#### Connection data

|                           |                  |
|---------------------------|------------------|
| Connection method         | Screw connection |
| Stripping length          | 12 mm            |
| Internal cylindrical gage | B6               |
| Screw thread              | M5               |
| Tightening torque, min    | 2.5 Nm           |
| Tightening torque max     | 3 Nm             |

#### Standards and Regulations

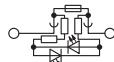
|                                        |                  |
|----------------------------------------|------------------|
| Connection in acc. with standard       | IEC 60269-1 / -2 |
| Flammability rating according to UL 94 | V0               |

#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

Circuit diagram



### Approvals

#### Approvals

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#### Approvals

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#### UL Listed / EAC

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#### Ex Approvals

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#### Approval details

|                            |                                                                                     |                                                                                                                                                       |               |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 353282 |
| Nominal voltage UN         |                                                                                     | 1000 V                                                                                                                                                |               |
| Nominal current IN         |                                                                                     | 30 A                                                                                                                                                  |               |
| mm <sup>2</sup> /AWG/kcmil |                                                                                     | 18-8                                                                                                                                                  |               |

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### Approvals

EAC



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DE.AI30.B.01102

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>