

# UK 10,3-HESI 1000V - Fuse holder



3211236

<https://www.phoenixcontact.com/za/products/3211236>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Fuse holder, fuse type: Glass / ceramics / ..., fuse type: gPV 10.3 x 38 mm in accordance with 60269-6, nom. voltage: 1000 V DC, nominal current: 30 A, connection method: Screw connection, Rated cross section: 16 mm<sup>2</sup>, cross section: 1.5 mm<sup>2</sup>- 25 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

## Your advantages

- Fuse holder for fusing PV strings 1000 V DC
- Easy to bridge
- For 10 x 38 gPV fuse-links in accordance with IEC 60269-6

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 3211236             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 1 pc                |
| Sales key                            | 010                 |
| Product key                          | BE1234              |
| Catalog page                         | Page 464 (C-1-2017) |
| GTIN                                 | 4046356482394       |
| Weight per piece (including packing) | 50,42 g             |
| Weight per piece (excluding packing) | 50,42 g             |
| Customs tariff number                | 85369095            |
| Country of origin                    | DE                  |

# UK 10,3-HESI 1000V - Fuse holder



3211236

<https://www.phoenixcontact.com/za/products/3211236>

## Technical data

### Product properties

|                       |                     |
|-----------------------|---------------------|
| Product type          | Fuse terminal block |
| Number of connections | 2                   |
| Number of rows        | 1                   |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution  | 3  |

### Electrical properties

|                                                 |                                             |
|-------------------------------------------------|---------------------------------------------|
| Fuse type                                       | Glass / ceramics / ...                      |
| Rated surge voltage                             | 6 kV                                        |
| Maximum power dissipation for nominal condition | 4 W                                         |
| Fuse                                            | gPV 10.3 x 38 mm in accordance with 60269-6 |

### Connection data

|                                 |                    |
|---------------------------------|--------------------|
| Number of connections per level | 2                  |
| Nominal cross section           | 25 mm <sup>2</sup> |
| Rated cross section AWG         | 3                  |

### Level 1 above 1 below 1

|                                                                                           |                                                                |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Screw thread                                                                              | M5                                                             |
| Tightening torque                                                                         | 2 ... 2.5 Nm                                                   |
| Stripping length                                                                          | 11 mm                                                          |
| Internal cylindrical gage                                                                 | A7                                                             |
| Connection in acc. with standard                                                          | IEC 60269-1 / -2                                               |
| Conductor cross section rigid                                                             | 1.5 mm <sup>2</sup> ... 25 mm <sup>2</sup>                     |
| Cross section AWG                                                                         | 14 ... 4 (converted acc. to IEC)                               |
| Conductor cross section flexible                                                          | 0.75 mm <sup>2</sup> ... 25 mm <sup>2</sup>                    |
| Conductor cross section, flexible [AWG]                                                   | 18 ... 4 (converted acc. to IEC)                               |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>                     |
| Flexible conductor cross section (ferrule with plastic sleeve)                            | 1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>                     |
| Cross-section with insertion bridge, rigid                                                | 10 mm <sup>2</sup>                                             |
| Cross-section with insertion bridge, flexible                                             | 10 mm <sup>2</sup>                                             |
| 2 conductors with same cross section, solid                                               | 1.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>                      |
| 2 conductors with same cross section, flexible                                            | 0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>                    |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve       | 1.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>                      |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>                     |
| Nominal current                                                                           | 30 A (the current and voltage are determined by the fuse)      |
| Maximum load current                                                                      | 30 A (the current and voltage are determined by the fuse)      |
| Nominal voltage                                                                           | 1000 V DC (the current and voltage are determined by the fuse) |

# UK 10,3-HESI 1000V - Fuse holder

3211236

<https://www.phoenixcontact.com/za/products/3211236>



|                       |                    |
|-----------------------|--------------------|
| Nominal cross section | 16 mm <sup>2</sup> |
|-----------------------|--------------------|

## Dimensions

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

## Material specifications

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Color                                                            | black  |
| Flammability rating according to UL 94                           | V2     |
| Insulating material group                                        | IIIa   |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |

## Mechanical properties

### Mechanical data

|                 |    |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

## Environmental and real-life conditions

### Ambient conditions

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| Ambient temperature (operation)          | -60 °C ... 85 °C (max. short-term operating temperature RTI Elec. )       |
| Ambient temperature (storage/transport)  | -25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly)           | -5 °C ... 70 °C                                                           |
| Ambient temperature (actuation)          | -5 °C ... 70 °C                                                           |
| Permissible humidity (operation)         | 20 % ... 90 %                                                             |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                             |

## Standards and regulations

|                                  |                  |
|----------------------------------|------------------|
| Connection in acc. with standard | IEC 60269-1 / -2 |
|----------------------------------|------------------|

## Mounting

|               |           |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
|               | NS 35/15  |

# UK 10,3-HESI 1000V - Fuse holder

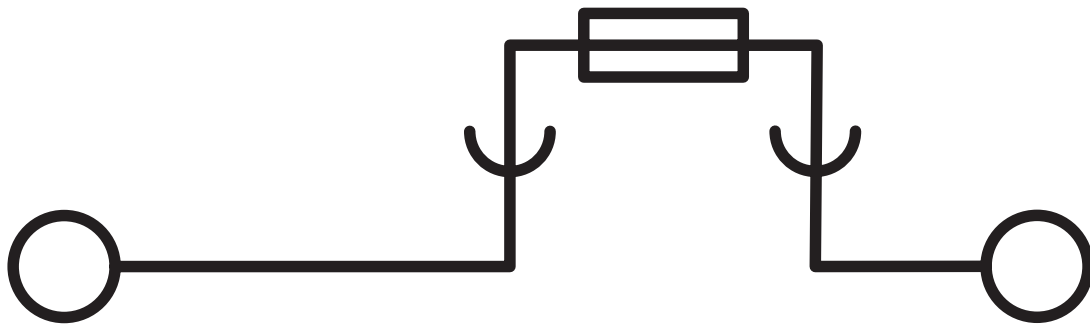
3211236

<https://www.phoenixcontact.com/za/products/3211236>



## Drawings

Circuit diagram



# UK 10,3-HESI 1000V - Fuse holder

3211236

<https://www.phoenixcontact.com/za/products/3211236>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/za/products/3211236>



**EAC**  
Approval ID: RU C-DE.A\*30.B.01742



**EAC**  
Approval ID: RU C-DE.BL08.B.00534



**UL Listed**  
Approval ID: FILE E 353282

|                            | CSA                   |                       |                   |                             |
|----------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                            | Approval ID: 225908   |                       |                   |                             |
|                            | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                            | 1000 V                | 30 A                  | 18 - 8            | -                           |
| Multi-conductor connection | 1000 V                | 30 A                  | 18 - 6            | -                           |

# UK 10,3-HESI 1000V - Fuse holder



3211236

<https://www.phoenixcontact.com/za/products/3211236>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141116 |
| ECLASS-12.0 | 27141116 |
| ECLASS-13.0 | 27250113 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000899 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# UK 10,3-HESI 1000V - Fuse holder



3211236

<https://www.phoenixcontact.com/za/products/3211236>

## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT (Pty) Ltd.  
36 Lyn Road P.O. Box 916 ZA-Ferndale 2160

+27/11/801-8200  
[info@phoenixcontact.co.za](mailto:info@phoenixcontact.co.za)