

# UK 10,3-HESI 1000V

Order No.: 3211236



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3211236>

Fuse terminal block, 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

## Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 046356 482394 |
| sales group              | A040                                                                                                  |
| Pack                     | 10 pcs.                                                                                               |
| Customs tariff           | 85369010                                                                                              |
| Catalog page information | Page 32 (NTK-2010)                                                                                    |

## Product notes

WEEE/RoHS-compliant since:  
05/13/2009



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## Technical data

### General

|                                    |       |
|------------------------------------|-------|
| Number of connections              | 2     |
| Color                              | black |
| Insulating material                | PA    |
| Inflammability class acc. to UL 94 | V0    |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 18 mm   |
| Length           | 81 mm   |
| Height NS 35/7.5 | 65.5 mm |
| Height NS 35/15  | 73 mm   |

#### Technical data

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Fuse                      | Midget / 10.3 x 38                                          |
| Fuse type                 | Glass                                                       |
| Rated surge voltage       | 6 kV                                                        |
| Pollution degree          | 3                                                           |
| Surge voltage category    | III                                                         |
| Insulating material group | IIIb                                                        |
| Nominal current $I_N$     | 32 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) |

#### Connection data

|                                                                                       |                     |
|---------------------------------------------------------------------------------------|---------------------|
| Conductor cross section solid min.                                                    | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max.                                                    | 25 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                 | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                 | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                | 16                  |
| Conductor cross section AWG/kcmil max                                                 | 4                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.            | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.            | 16 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.               | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.               | 16 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                      | 1.5 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.                                   | 1.5 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. | 1.5 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. | 1.5 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>  |
| Type of connection                                                                      | Screw connection    |
| Stripping length                                                                        | 12 mm               |
| Internal cylindrical gage                                                               | A7                  |
| Screw thread                                                                            | M5                  |
| Tightening torque, min                                                                  | 2.5 Nm              |
| Tightening torque max                                                                   | 3 Nm                |

#### Accessories

| Item            | Designation                 | Description                                                                                                                                                                    |
|-----------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                             |                                                                                                                                                                                |
| 3022218         | CLIPFIX 35                  | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 0801762         | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                              |
| 0801733         | NS 35/ 7,5 PERF 2000MM      | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m                                                   |
| 0801681         | NS 35/ 7,5 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m                                                                                               |
| 1201756         | NS 35/15 AL UNPERF 2000MM   | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m                                                      |
| 1201895         | NS 35/15 CU UNPERF 2000MM   | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                 |
| 1201730         | NS 35/15 PERF 2000MM        | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m                                                                                                  |
| 1201714         | NS 35/15 UNPERF 2000MM      | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m                                                                                                |
| 1201798         | NS 35/15-2,3 UNPERF 2000MM  | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m                                                                                  |

#### Bridges

|         |                   |                                                        |
|---------|-------------------|--------------------------------------------------------|
| 3009299 | EB 56-18          | Insertion bridge, Number of positions: 56, Color: gray |
| 3009367 | EB 56-18/L1-L2-L3 | Insertion bridge, Number of positions: 56, Color: gray |

#### Fuse

|         |                     |                                                        |
|---------|---------------------|--------------------------------------------------------|
| 3061334 | FUSE 10,3X38 10A PV | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061347 | FUSE 10,3X38 12A PV | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061350 | FUSE 10,3X38 16A PV | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061363 | FUSE 10,3X38 20A PV | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061295 | FUSE 10,3X38 2A PV  | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061305 | FUSE 10,3X38 4A PV  | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061318 | FUSE 10,3X38 6A PV  | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |
| 3061321 | FUSE 10,3X38 8A PV  | Fuse, 10.3x38 mm, up to 1000 V DC, gPV characteristics |

#### General

|         |                        |                                           |
|---------|------------------------|-------------------------------------------|
| 3048409 | VS-UK 10,3-HESI N 3POL | Fuse modular terminal block, Color: black |
|---------|------------------------|-------------------------------------------|

#### Marking

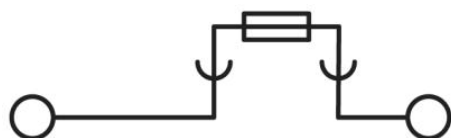
|         |                  |                                                                                                                                  |
|---------|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 0809984 | ZBF10:SO/CMS     | Zack marker strip, flat, in 10 mm pitch, labeled according to customer specifications, 10-section, divisible, color: White       |
| 0809997 | ZBF10:UNBEDRUCKT | Zack marker strip, flat, in 10 mm pitch, unprinted, 10-section, for individual labeling with M-PEN 0,8, X-PEN, or CMS-P1-PLOTTER |

#### Tools

|         |                 |                                                                                                    |
|---------|-----------------|----------------------------------------------------------------------------------------------------|
| 1205066 | SZS 1,0X4,0 VDE | Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip |
|---------|-----------------|----------------------------------------------------------------------------------------------------|

#### Diagrams/Drawings

Circuit diagram



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