

## UK 10,3-HESI LED N 690

Order No.: 3048399

The illustration shows version UK 10,3-HESI N



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3048399>

Fuse terminal block with light indicator, for cartridge fuse insert 10.3 x 38 mm, cross section: 1.5 - 25 mm², AWG: 16 - 4, width: 17.5 mm, color: Black

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918976309      |
| Pack                     | 10 pcs.            |
| Customs tariff           | 85363030           |
| Weight/Piece             | 0.06158 KG         |
| Catalog page information | Page 372 (CL-2009) |

### Product notes

WEEE/RoHS-compliant since:  
08/04/2006



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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            | 17.5 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 $U_N$     | 690 V (the current and voltage are determined by the fuse) |

#### 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 stranded min.                                                 | 0.75 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                 | 25 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.            | 0.75 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.               | 0.75 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.                                      | 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>   |
| Type of connection                                                                      | Screw connection     |
| Stripping length                                                                        | 12 mm                |
| Internal cylindrical gage                                                               | B6                   |
| Screw thread                                                                            | M5                   |
| Tightening torque, min                                                                  | 2.5 Nm               |
| Tightening torque max                                                                   | 3 Nm                 |

#### Certificates / Approvals



Certification CSA, CUL, UL

#### CSA

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 30 A  |
| AWG/kcmil                      | 18-3  |

#### CUL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 30 A  |
| AWG/kcmil                      | 18-3  |

#### UL

|                                |       |
|--------------------------------|-------|
| Nominal voltage U <sub>N</sub> | 600 V |
| Nominal current I <sub>N</sub> | 30 A  |
| AWG/kcmil                      | 18-3  |

## 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                                                                                  |
| <b>Bridges</b>  |                             |                                                                                                                                                                                |
| 3009299         | EB 56-18                    | Cross connector/bridge, Number of positions: 56, Color: gray                                                                                                                   |
| 3009367         | EB 56-18/L1-L2-L3           | Cross connector/bridge, Number of positions: 56, Color: gray                                                                                                                   |
| <b>General</b>  |                             |                                                                                                                                                                                |
| 3048409         | VS-UK 10,3-HESI N 3POL      | Fuse modular terminal block, Color: black                                                                                                                                      |
| <b>Marking</b>  |                             |                                                                                                                                                                                |
| 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                                               |
| <b>Tools</b>    |                             |                                                                                                                                                                                |
| 1205066         | SZS 1,0X4,0                 | Screwdriver, bladed, matches all screw terminal blocks with 10 mm <sup>2</sup> and 16 mm <sup>2</sup> connection cross section, blade: 1.0 x 4.0 mm                            |

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