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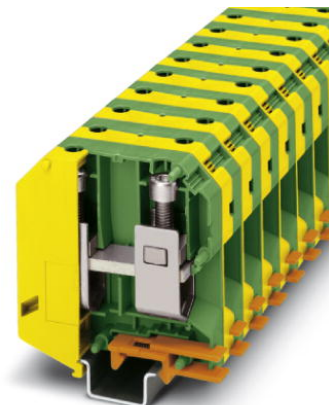
sales@integrated-circuit.com



Extract from the online catalog

UKH 95 GNYE

Order No.: 3009134



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3009134>

Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 25 mm² - 95 mm², AWG 4 - 3/0, Width: 25 mm, Color: green-yellow, Mounting type: NS 35/15, NS 32



Commercial data

| | |
|----------------|-----------------|
| GTIN (EAN) | 4 017918 091668 |
| sales group | A000 |
| Pack | 10 pcs. |
| Customs tariff | 85369010 |

Product notes

WEEE/RoHS-compliant since:
09/01/2005



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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

| | |
|-----------------------|--------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | green-yellow |

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| | |
|------------------------------------|----|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

Dimensions

| | |
|-----------------|---------|
| Width | 25 mm |
| Length | 83 mm |
| Height NS 35/15 | 97.5 mm |
| Height NS 32 | 95.5 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 232 A (with 95 mm ² conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 232 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | nein |

Connection data

| | |
|--|--------------------|
| Conductor cross section solid min. | 25 mm ² |
| Conductor cross section solid max. | 95 mm ² |
| Conductor cross section stranded min. | 35 mm ² |
| Conductor cross section stranded max. | 95 mm ² |
| Conductor cross section AWG/kcmil min. | 4 |
| Conductor cross section AWG/kcmil max | 3/0 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 35 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 95 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 35 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 95 mm ² |
| 2 conductors with same cross section, solid min. | 25 mm ² |
| 2 conductors with same cross section, solid max. | 35 mm ² |
| 2 conductors with same cross section, stranded min. | 25 mm ² |

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| | |
|---|--------------------|
| 2 conductors with same cross section, stranded max. | 35 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 16 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 35 mm ² |
| Cross-section with insertion bridge, solid max. | 95 mm ² |
| Cross-section with insertion bridge, stranded max. | 70 mm ² |
| Type of connection | Screw connection |
| Stripping length | 33 mm |
| Screw thread | M8 |
| Tightening torque, min | 15 Nm |
| Tightening torque max | 20 Nm |

Certificates / Approvals



Certification

CSA, CUL, DNV, KEMA, UL

Certification Ex:

CUL-EX, FM, IECEx, KEMA-EX, UL-EX

Accessories

| Item | Designation | Description |
|-----------------|-------------------------------|--|
| Assembly | | |
| 3003541 | AGK 10-UKH 95 | Pick-off terminal block, Type of connection: Special and hybrid connection, Cross section: 0.5 mm ² - 16 mm ² , AWG 20 - 6, Width: 10.2 mm, Height: 34.7 mm, Color: gray |
| 1201659 | E/AL-NS 32 | End clamp, for end support of UKH 50 - UKH 240, is pushed onto DIN rail NS 32 and fixed with 2 screws, width: 10 mm, color: Aluminum |
| 1201662 | E/AL-NS 35 | End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum |
| 1201028 | NS 32 AL UNPERF 2000MM | G rail 32 mm (NS 32) |
| 1201280 | NS 32 CU/120QMM UNPERF 2000MM | G-profile DIN rail, deep-drawn, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m |

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| | | |
|---------|------------------------------|--|
| 1201358 | NS 32 CU/35QMM UNPERF 2000MM | G-profile DIN rail, material: Copper, unperforated, height 15 mm, width 32 mm, length 2 m |
| 1201002 | NS 32 PERF 2000MM | G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m |
| 1201015 | NS 32 UNPERF 2000MM | G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 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 |
| 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

| | | |
|---------|-------------|---|
| 0201362 | EB 2-25/UKH | Insertion bridge, Number of positions: 2, Color: gray |
| 0201375 | EB 3-25/UKH | Insertion bridge, Number of positions: 3, Color: gray |

Marking

| | | |
|---------|------------------------|---|
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |
| 1053001 | ZB 10:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 10.2 mm, color: White |
| 5060883 | ZB10/WH-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 10.2 mm, color: White |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

| | | |
|---------|-----------|-------------------|
| 3009231 | UKH 95 EP | Insertion profile |
|---------|-----------|-------------------|

Tools

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|---------|-----------|---|
| 1201934 | VDE-ISS 6 | Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm, for all terminal blocks with 8 mm Allen screw |
|---------|-----------|---|

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Diagrams/Drawings

Circuit diagram



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Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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