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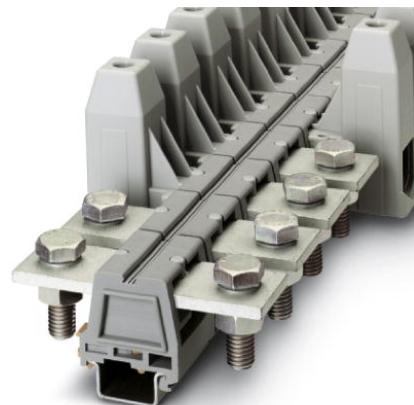


Extract from the online catalog

UHV150-AS/AS


Order No.: 2130033

The illustration shows a combination of versions UHV 150-AS/AS, UHV 150-KH/AS and UHV 150-KH/KH



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2130033>

Universal terminal block with bolt connection, cross section: 50 - 150 mm², width: 46 mm, color: gray

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 052812 |
| sales group | A006 |
| Pack | 10 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 325 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
02/08/2006



<http://www.download.phoenixcontact.com>
 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 | gray |
| Insulating material | PA-F |
| Inflammability class acc. to UL 94 | HB |

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Dimensions

| | |
|-----------------|--------|
| Length | 110 mm |
| Width | 46 mm |
| Height NS 35/15 | 56 mm |

Technical data

| | |
|----------------------------------|---------------|
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | II |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I_N | 309 A |
| Nominal voltage U_N | 1000 V |

Connection data

| | |
|---|-------------------------------|
| Conductor cross section stranded min. | 50 mm ² |
| Conductor cross section stranded max. | 150 mm ² |
| Conductor cross section AWG/kcmil min. | 2 |
| Conductor cross section AWG/kcmil max | 300 kcmil |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 50 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 150 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 50 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 150 mm ² |
| 2 conductors with same cross section, solid min. | 25 mm ² |
| 2 conductors with same cross section, solid max. | 50 mm ² |
| 2 conductors with same cross section, stranded min. | 35 mm ² |
| 2 conductors with same cross section, stranded max. | 50 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 50 mm ² |
| Type of connection | Special and hybrid connection |
| Stripping length | 34 mm |

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| | |
|------------------------|--------------|
| Bolt diameter | 12 mm |
| Tightening torque, min | 25 Nm |
| Tightening torque max | 30 Nm |
| Busbar | 35 mm x 5 mm |

Certificates / Approvals


Certification

CSA, GOST, PRS, RS, UL

Accessories

| Item | Designation | Description |
|-----------------|-------------------------------|---|
| Assembly | | |
| 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 |
| 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 |
| 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 |

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| | | |
|---------|----------------------------|--|
| 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 |
| 2130428 | UHV -E | End clamp, Width: 5.2 mm, Color: gray |
| 2130415 | UHV -TP2 | Separating plate, Width: 2 mm, Height: 67.5 mm, Color: gray |
| 2130460 | UHV150-AH | Covering hood, Color: gray |
| 2130651 | UHV150-VS 2 | Connection rail, Color: silver |
| 2130664 | UHV150-VS 3 | Connection rail, Color: silver |

Marking

| | | |
|---------|------------------|---|
| 1007248 | SBS10:UNBEDRUCKT | Marker cards, unprinted, for individual labeling with the M-PEN, 250-section, perforated, white plastic |
| 1050525 | ZB10:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Plug/Adapter

| | | |
|---------|----------------|-------------------|
| 3009244 | UKH 150/240 EP | Insertion profile |
|---------|----------------|-------------------|

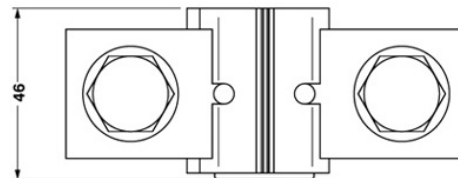
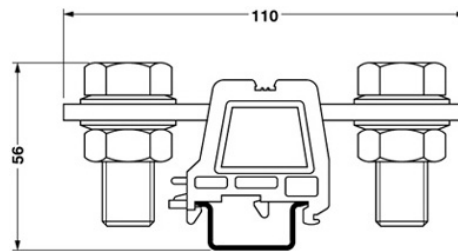
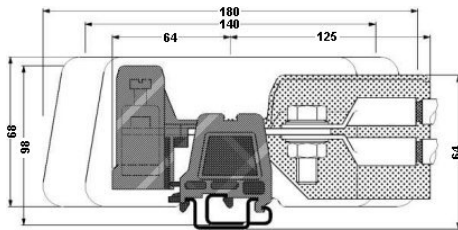
Tools

| | | |
|---------|-----------|--|
| 1201947 | VDE-ISS 8 | Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm, for all terminal blocks with 10 mm Allen screw |
|---------|-----------|--|

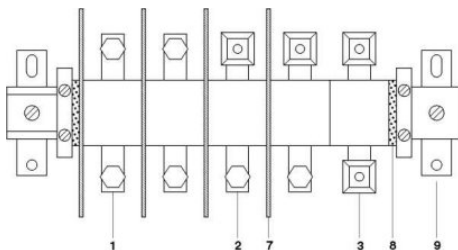
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Diagrams/Drawings

Dimensioned drawing



Circuit diagram



- 1 = high current connector, AS screw set on both sides
- 2 = high current connector, terminal sleeve KH on one side, screw set AS on the other side
- 3 = high current connector, terminal sleeves KH on both sides, for direct cable connection
- 7 = separating plate
- 8 = end piece
- 9 = flat bracket

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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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