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UKN 5 BU


Order No.: 3032088



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Neutral conductor disconnect modular terminal block, Special and hybrid connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15, NS 32

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 092238 |
| sales group | A010 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 419 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

General

| | |
|-----------------------|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | blue |

| | |
|------------------------------------|----|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V2 |

Dimensions

| | |
|------------------|---------|
| Width | 6.2 mm |
| Length | 43.5 mm |
| Height NS 35/7.5 | 47 mm |
| Height NS 35/15 | 54.5 mm |
| Height NS 32 | 52 mm |

Technical data

| | |
|---|---|
| Maximum load current | 36 A (with 6 mm ² conductor cross section) |
| Current carrying capacity of the neutral busbar | 140 A |
| Rated surge voltage | 6 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 | 32 A |
| Nominal voltage U _N | 400 V |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |

| | |
|---|-------------------------------|
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Type of connection | Special and hybrid connection |
| Stripping length | 7 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Certificates / Approvals



Certification

GOST

Accessories

| Item | Designation | Description |
|-----------------|--------------|--|
| Assembly | | |
| 1201141 | AB/NS | Support, for insulated mounting of DIN rails in insulated systems, plastic, 21 mm high |
| 5037133 | AP-NLS | Cover profile, Length: 1000 mm, Color: transparent |
| 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 |
| 3003101 | D-UK 4/10 BU | End cover, Length: 42.5 mm, Width: 1.8 mm, Height: 47 mm, Color: blue |
| 1201442 | E/UK | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail |

| | | |
|---------|-------------------------------|--|
| 0401010 | EK 116 | Power terminal block, Load current : 76 A, Cross section: 0.5 mm ² - 16 mm ² , Width: 8 mm, Color: aluminum |
| 0401023 | EK 135 | Power terminal block, Load current : 125 A, Cross section: 0.75 mm ² - 35 mm ² , Width: 12 mm, Color: aluminum |
| 0402174 | NLS-CU 3/10 SN 1000MM | PEN conductor busbar, 3mm x 10 mm, length: 1000 mm |
| 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 |
| 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 |
| 3032428 | UAB | Support, Width: 2 mm, Color: blue |

Marking

| | | |
|---------|------------------|---|
| 1007222 | SBS 6:UNBEDRUCKT | Marker cards for modular terminal blocks, color: white |
| 1050499 | ZB 6:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |

Additional products

| Item | Designation | Description |
|---------------------|-------------|---|
| Plug/Adapter | | |
| 0423014 | AKG 16 BU | Power terminal block, Load current : 76 A, Cross section: 1.5 mm ² - 16 mm ² , Width: 9.8 mm, Color: blue |
| 0424013 | AKG 35 BU | Power terminal block, Load current : 125 A, Cross section: 2.5 mm ² - 35 mm ² , Width: 14.3 mm, Color: blue |

Replacement clamping part

| | | |
|---------|--------|---|
| 2715982 | IAK 16 | Connection terminal block, Width: 8 mm, Color: gray |
|---------|--------|---|

Diagrams/Drawings

Circuit diagram



UKN 5 BU Order No.: 3032088

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