

## N disconnect terminal block - UKN 2,5 BU - 3032004

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N disconnect terminal block, Special and hybrid connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Width: 6.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

### Product Features

- ☒ With screw disconnect slide



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 1                                                                                                     |
| GTIN                                 | <br>4 017918 092214 |
| Weight per Piece (excluding packing) | 11.85 GRM                                                                                               |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Greece                                                                                                  |

### Technical data

#### General

|                                                 |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| Number of levels                                | 1                                                     |
| Number of connections                           | 2                                                     |
| Color                                           | blue                                                  |
| Insulating material                             | PA                                                    |
| Inflammability class according to UL 94         | V2                                                    |
| Maximum load current                            | 32 A (with 4 mm <sup>2</sup> 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                                                     |

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## Technical data

### General

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 24 A          |
| Nominal voltage $U_N$            | 400 V         |
| Open side panel                  | ja            |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 43.5 mm |
| Height NS 35/7,5 | 42 mm   |
| Height NS 35/15  | 49.5 mm |
| Height NS 32     | 47 mm   |

### Connection data

| Note                                                                                    | Terminal point                |
|-----------------------------------------------------------------------------------------|-------------------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>           |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>             |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>           |
| Conductor cross section stranded max.                                                   | 2.5 mm <sup>2</sup>           |
| Conductor cross section AWG/kcmil min.                                                  | 24                            |
| Conductor cross section AWG/kcmil max                                                   | 12                            |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>          |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>           |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>          |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>           |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>           |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>           |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>           |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>           |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup>          |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>             |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>           |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>           |
| Connection method                                                                       | Special and hybrid connection |
| Stripping length                                                                        | 7 mm                          |
| Screw thread                                                                            | M3                            |
| Tightening torque, min                                                                  | 0.6 Nm                        |

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Technical data

#### Connection data

|                       |        |
|-----------------------|--------|
| Tightening torque max | 0.8 Nm |
|-----------------------|--------|

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141117 |
| eCl@ss 4.1 | 27141117 |
| eCl@ss 5.0 | 27141138 |
| eCl@ss 5.1 | 27141138 |
| eCl@ss 6.0 | 27141138 |
| eCl@ss 7.0 | 27141138 |
| eCl@ss 8.0 | 27141138 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001257 |
| ETIM 3.0 | EC001257 |
| ETIM 4.0 | EC001257 |
| ETIM 5.0 | EC001257 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

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Approvals

GOST / GOST

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Ex Approvals

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Approvals submitted

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Approvals

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#### Approval details



### Accessories

#### Accessories

##### Cover profile

Cover profile - AP-NLS - 5037133



Cover profile, Length: 1000 mm, Color: transparent

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#### End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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### End cover

End cover - D-UKN 2,5 - 3032017



End cover, Length: 43.5 mm, Width: 1.5 mm, Height: 42 mm, Color: blue

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### Labeled terminal marker

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

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#### Marker for terminal blocks - UC-TM 6 CUS - 0824589



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

#### Marker for terminal blocks - UCT-TM 6 CUS - 0829602



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

### Mounting rail

#### DIN rail - NS 32 PERF 2000MM - 1201002



G-profile DIN rail, material: Steel, perforated, height 15 mm, width 32 mm, length 2 m

#### DIN rail - NS 32 UNPERF 2000MM - 1201015



G-profile DIN rail, material: Steel, unperforated, height 15 mm, width 32 mm, length 2 m

#### DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

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DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

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DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Neutral conductor rail

Neutral busbar - NLS-CU 3/10 SN 1000MM - 0402174



PEN conductor busbar, 3mm x 10 mm, length: 1000 mm

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### Pick-off terminal block

Power terminal block - EK 135 - 0401023



Power terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, Width: 12 mm, Color: aluminum

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

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#### Power terminal block - EK 116 - 0401010



Power terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 8 mm, Color: aluminum

### Support

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#### Support bracket - UAB - 3032428



Support bracket, Width: 2 mm, Color: blue

#### Support bracket - AB/NS - 1201141



Support bracket, for insulated mounting of DIN rails in insulated systems, plastic, 21 mm high

### Terminal marking

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#### Marker cards - SBS 6:UNBEDRUCKT - 1007222



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

#### Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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#### Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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### Additional products

#### Connection terminal block - AKG 16 BU - 0423014



Connection terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 9.8 mm, Color: blue

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#### Connection terminal block - AKG 35 BU - 0424013



Connection terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, Width: 14.3 mm, Color: blue

## N disconnect terminal block - UKN 2,5 BU - 3032004

### Accessories

Branch terminal - IAK 16 - 2715982



Branch terminal, Connection method Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 7.7 mm, Color: gray

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### Drawings

Circuit diagram

