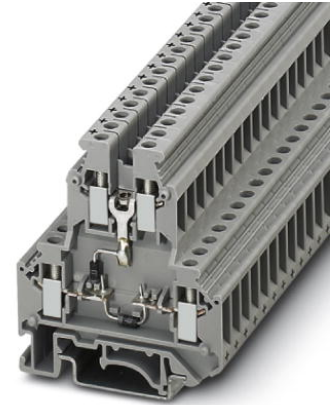


# UKK 5-2DIO/O-UL/O-UR

Order No.: 2794482

The figure shows a version of the article



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2794482>

Feed-through modular terminal block, Connection method: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15, NS 32

## Commercial data

|                |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| GTIN (EAN)     |  |
| sales group    | A210                                                                                |
| Pack           | 50 pcs.                                                                             |
| Customs tariff | 85369010                                                                            |

## Product notes

WEEE/RoHS-compliant since:  
05/01/2003



<http://www.download.phoenixcontact.com>  
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## Technical data

### General

|                       |      |
|-----------------------|------|
| Number of levels      | 2    |
| Number of connections | 4    |
| Color                 | gray |
| Insulating material   | PA   |

|                                    |    |
|------------------------------------|----|
| Inflammability class acc. to UL 94 | V0 |
|------------------------------------|----|

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 56 mm   |
| Height NS 35/7.5 | 62 mm   |
| Height NS 35/15  | 69.5 mm |
| Height NS 32     | 67 mm   |

#### Technical data

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| Maximum load current             | 32 A (with 4 mm <sup>2</sup> conductor cross section)                                             |
| Rated surge voltage              | 6 kV                                                                                              |
| Pollution degree                 | 3                                                                                                 |
| Surge voltage category           | III                                                                                               |
| Insulating material group        | I                                                                                                 |
| Connection in acc. with standard | IEC / EN                                                                                          |
| Nominal current I <sub>N</sub>   | 32 A                                                                                              |
| Nominal voltage U <sub>N</sub>   | 500 V (Data is based on the dielectric strength of adjacent terminal blocks or of the DINg rail.) |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| 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.                                      | 4 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. | 4 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.   | 1.5 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                                                                       | Screw connection     |
| Stripping length                                                                        | 8 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |
| Tightening torque max                                                                   | 0.8 Nm               |

#### 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 |
| 2770024         | D-UKK 3/5                     | End cover, Length: 56 mm, Width: 2.5 mm, Height: 62 mm, Color: gray                                                                                                            |
| 2770817         | DG-UKK 3/5                    | End cover, Length: 56 mm, Width: 2.5 mm, Height: 62 mm, Color: gray                                                                                                            |
| 2770794         | DP-UKK 3/5                    | Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: gray                                                                                                       |
| 1201413         | E/UK 1                        | End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray                                                                 |
| 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    |
| 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                                |

## Bridges

|         |           |                                                      |
|---------|-----------|------------------------------------------------------|
| 0203250 | FBI 10- 6 | Fixed bridge, Number of positions: 10, Color: silver |
|---------|-----------|------------------------------------------------------|

## Marking

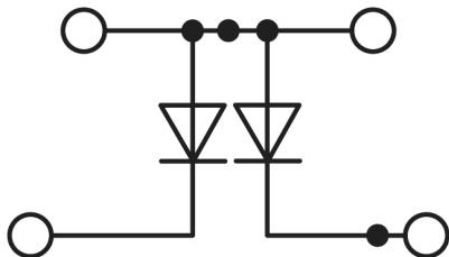
|         |                  |                                                                                                 |
|---------|------------------|-------------------------------------------------------------------------------------------------|
| 1007222 | SBS 6:UNBEDRUCKT | Marker cards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

## Tools

|         |             |                                                                                                                                                                  |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Diagrams/Drawings

### Circuit diagram



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



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