

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Sensor/actuator terminal block, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Connection type: Screw connection, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

The figure shows a version of the article

### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Minimum order quantity               | 50 1     |
| Weight per Piece (excluding packing) | 21.2 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### General

|   |   |
|---|---|
| Number of levels                        | 3   |
| Number of connections                   | 6   |
| Color                                   | gray  |
| Insulating material                     | PA  |
| Inflammability class according to UL 94 | V2  |
| Rated surge voltage                     | 4 kV  |
| Pollution degree                        | 3   |
| Surge voltage category                  | III   |
| Insulating material group               | I   |
| Connection in acc. with standard        | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>          | 24 A  |
| Nominal voltage U <sub>N</sub>          | 250 V (the voltage is determined by the component used) |
| Open side panel                         | nein  |

#### Dimensions

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Technical data

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 72.5 mm |
| Height NS 35/7,5 | 54.5 mm |
| Height NS 35/15  | 62 mm   |

#### 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.   | 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 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 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 mm <sup>2</sup>    |
| Cross section with insertion bridge, solid max.   | 4 mm <sup>2</sup>    |
| Cross section with insertion bridge, stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Connection method   | Screw connection     |
| Stripping length  | 8 mm                 |
| Internal cylindrical gage   | A3                   |
| Screw thread  | M3                   |
| Tightening torque, min  | 0.5 Nm               |
| Tightening torque max   | 0.6 Nm               |

# Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141128 |
| eCl@ss 7.0 | 27141128 |
| eCl@ss 8.0 | 27141128 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000900 |
| ETIM 3.0 | EC000900 |
| ETIM 4.0 | EC000900 |
| ETIM 5.0 | EC000900 |

UNSPSC

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

## Approvals

Approvals

---

Approvals

GOST / GOST

---

Ex Approvals

---

Approvals submitted

---

Approval details

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Approvals

GOST 

GOST 

### Accessories

#### Accessories

#### Bridge

Insertion bridge - EB 80- DIK BU - 2715940



Insertion bridge, Number of positions: 80, Color: blue

Insertion bridge - EB 10- DIK RD - 2716774



Insertion bridge, Number of positions: 10, Color: red

Insertion bridge - EB 10- DIK BU - 2716680



Insertion bridge, Number of positions: 10, Color: blue

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

Insertion bridge - EB 80- DIK RD - 2715953



Insertion bridge, Number of positions: 80, Color: red

---

Insertion bridge - EB 10- DIK GY - 2715937



Insertion bridge, Number of positions: 10, Color: gray

---

Insertion bridge - EB 80- DIK WH - 2715788



Insertion bridge, Number of positions: 80, Color: white

---

### 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

---

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

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

---

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

---

End clamp - E/UK - 1201442



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

---

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

---

### Fuse

Fuse plug - ST-SILA250-UK 4 - 0921053



Fuse plug, Nominal current: 6.3 A, Length: 33.1 mm, Width: 6.1 mm, Height: 26.5 mm, Color: black

---

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

Fuse plug - ST-SILED 60-UK 4 - 0921040



Fuse plug, Nominal current: 6.3 A, Length: 33.1 mm, Width: 6.1 mm, Height: 26.5 mm, Color: black

---

Fuse plug - ST-SILED 24-UK 4 - 0921037



Fuse plug, Nominal current: 6.3 A, Length: 33.1 mm, Width: 6.1 mm, Height: 26.5 mm, Color: black

---

Fuse plug - ST-SILED 12-UK 4 - 0921024



Fuse plug, Nominal current: 6.3 A, Length: 33.1 mm, Width: 6.1 mm, Height: 26.5 mm, Color: black

---

Fuse plug - ST-SILA250 - 0920287



Fuse plug, Nominal current: 6.3 A, Length: 45.4 mm, Width: 9.9 mm, Color: black

---

### Labeled terminal marker

Marker cards - SK 6,2/3,8:FORTL.ZAHLEN - 0804374



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 6.2 mm

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

---

#### 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

---

#### 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 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

---



## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### 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

---

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



DIN rail 35 mm (NS 35)

---

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



DIN rail 35 mm (NS 35)

---

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

---

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

---

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### 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

---

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

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



DIN rail 35 mm (NS 35)

---

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



DIN rail 35 mm (NS 35)

---

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

---

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



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

---

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



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

---

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### 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

---

End cap - NS 35/15 CAP - 1206573



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

---

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

---

### Partition plate

Partition plate - ATP-DIK 1,5 - 1413272



Partition plate, Length: 65.3 mm, Width: 2 mm, Height: 60 mm, Color: gray

---

### Terminal marking

## Sensor/actuator terminal block - DIKD 1,5-TG DIO O/L-R 12K O-M - 0711988

### Accessories

#### 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

---

#### 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

---

#### 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

---

#### 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