

## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

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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

### Product Features

- ✓ Same shape as DIK ... three-level initiator terminal blocks
- ✓ Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring
- ✓ The forks of the insertion bridge can be easily loosened for bridging between non-adjacent terminal blocks
- ✓ The upper level contains the feed-through connections for the signal cable which can be labeled
- ✓ Unlike the DIK terminal blocks, the lower level of these output terminal blocks makes direct contact with the DIN rail and as a PE connection are marked yellow-green
- ✓ Alternate wiring of an actuator followed by an initiator is easy
- ✓ Because the spine of the insertion bridge can be snapped into place with the terminal block housing, all the terminal points can be wired freely and the bridge can be securely positioned
- ✓ The middle level supplies the connected actuators with power

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918102111 |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 3    |
| Number of connections                   | 5    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V2   |

#### General

|                                  |                               |
|----------------------------------|-------------------------------|
| 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 / IEC 60947-7-2 |
| Nominal current I <sub>N</sub>   | 24 A                          |
| Nominal voltage U <sub>N</sub>   | 250 V                         |
| Open side panel                  | nein                          |

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## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 62.5 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               |

## classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
|------------|----------|

## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### classifications

#### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.1</b> | 27141118 |
| <b>eCl@ss 5.0</b> | 27141118 |
| <b>eCl@ss 5.1</b> | 27141118 |
| <b>eCl@ss 6.0</b> | 27141128 |
| <b>eCl@ss 7.0</b> | 27141128 |
| <b>eCl@ss 8.0</b> | 27141128 |

#### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC000900 |
| <b>ETIM 3.0</b> | EC000900 |
| <b>ETIM 4.0</b> | EC000900 |
| <b>ETIM 5.0</b> | EC000900 |

#### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30211811 |
| <b>UNSPSC 7.0901</b> | 39121410 |
| <b>UNSPSC 11</b>     | 39121410 |
| <b>UNSPSC 12.01</b>  | 39121410 |
| <b>UNSPSC 13.2</b>   | 39121410 |

### approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

#### Approval details

|                                                                                                |       |
|------------------------------------------------------------------------------------------------|-------|
| <b>CSA</b>  |       |
| Nominal voltage UN                                                                             | 300 V |
| Nominal current IN                                                                             | 15 A  |
| mm²/AWG/kcmil                                                                                  | 28-14 |

|                                                                                                          |       |
|----------------------------------------------------------------------------------------------------------|-------|
| <b>UL Recognized</b>  |       |
| Nominal voltage UN                                                                                       | 300 V |
| Nominal current IN                                                                                       | 15 A  |
| mm²/AWG/kcmil                                                                                            | 30-14 |

# Sensor/actuator terminal block - DOK 1,5-2D - 2717139

## approvals

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                  |       |
| Nominal voltage UN                                                                               | 300 V |
| Nominal current IN                                                                               | 15 A  |
| mm²/AWG/kcmil                                                                                    | 30-14 |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

|                                                                                   |
|-----------------------------------------------------------------------------------|
|  |
|-----------------------------------------------------------------------------------|

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| cULus Recognized  US |
|---------------------------------------------------------------------------------------------------------|

## accessories

### Labeled terminal marker

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



ZB 6 CUS - 0824992



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

UC-TM 6 CUS - 0824589



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UCT-TM 6 CUS - 0829602



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### Partition plate

ATP-DIK 1,5 - 1413272



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### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



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ZB 6:UNBEDRUCKT - 1051003



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

UC-TM 6 - 0818085



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UCT-TM 6 - 0828736



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### Bridge

EB 80- DIK RD - 2715953



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EB 80- DIK BU - 2715940



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EB 10- DIK RD - 2716774



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

EB 10- DIK BU - 2716680



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EB 10- DIK GY - 2715937



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EB 80- DIK WH - 2715788



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

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



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



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



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



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



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



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

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NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

### accessories

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#### End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



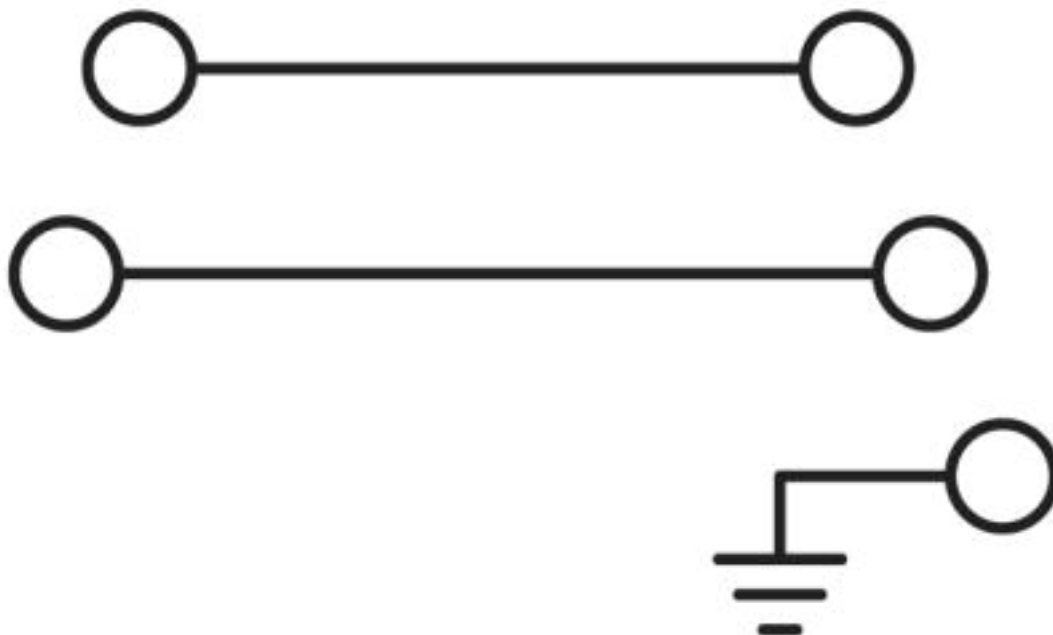
E/UK 1 - 1201413



### Drawings

## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

Circuit diagram



## Sensor/actuator terminal block - DOK 1,5-2D - 2717139

Circuit diagram

