

## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

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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

- ☒ This terminal block is a combination of a DIK ... and DOK ... terminal block where a single terminal block can be used for initiators and actuators
- ☒ The upper level contains the feed-through connections for the signal cable which can be labeled
- ☒ The PE connection is located in the lower level
- ☒ The two middle terminal points supply potential to the initiator

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918106676 |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 4    |
| Number of connections                   | 7    |
| 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 (the voltage is determined by the component used) |
| Open side panel                  | nein                                                    |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 91.5 mm |
| Height NS 35/7,5 | 70 mm   |

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### Technical data

#### Dimensions

|                 |         |
|-----------------|---------|
| Height NS 35/15 | 77.5 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 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |

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## classifications

### eCl@ss

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

CSA / UL Recognized / cUL Recognized / 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 |

|                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------|--|
| <b>cUL Recognized</b>  |  |
|-----------------------------------------------------------------------------------------------------------|--|

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### approvals

| Nominal voltage UN         | 300 V |
|----------------------------|-------|
| Nominal current IN         | 15 A  |
| mm <sup>2</sup> /AWG/kcmil | 30-14 |

cULus Recognized  US

### accessories

#### Labeled terminal marker

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



ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

ZBF 6 CUS - 0825027



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UC-TMF 6 CUS - 0824646



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UCT-TMF 6 CUS - 0829665



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### Fuse

ST-SILA250-UK 4 - 0921053



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ST-SILED 60-UK 4 - 0921040



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

ST-SILED 24-UK 4 - 0921037



ST-SILED 12-UK 4 - 0921024



ST-SI-UK 4 - 0921011



### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

UC-TM 6 - 0818085



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UCT-TM 6 - 0828736



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ZBF 6:UNBEDRUCKT - 0808710



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UC-TMF 6 - 0818140



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UCT-TMF 6 - 0828746



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### Component plug terminal block

## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

ST-BE - 2802316



ST-BE-LA 24 - 2802374



ST-BE-LA230 - 2802387



ST-1N4007 - 2802329



ST-BE-VP - 2802332



ST-B250C1500 - 2802345



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

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#### Plug

ST-K 4 - 5025462



#### Bridge

EB 80- DIK BU - 2715940



EB 10- DIK GY - 2715937



EB 10- DIK RD - 2716774



EB 10- DIK BU - 2716680



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

EB 80- DIK RD - 2715953



EB 80- DIK WH - 2715788



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

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



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NS 35/ 7,5 CAP - 1206560



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

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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



NS 35/15 AL UNPERF 2000MM - 1201756



## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

NS 35/15 ZN PERF 2000MM - 1206599



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NS 35/15 ZN UNPERF 2000MM - 1206586



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NS 35/15 CU UNPERF 2000MM - 1201895



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NS 35/15 CAP - 1206573



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



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**End block**

## Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



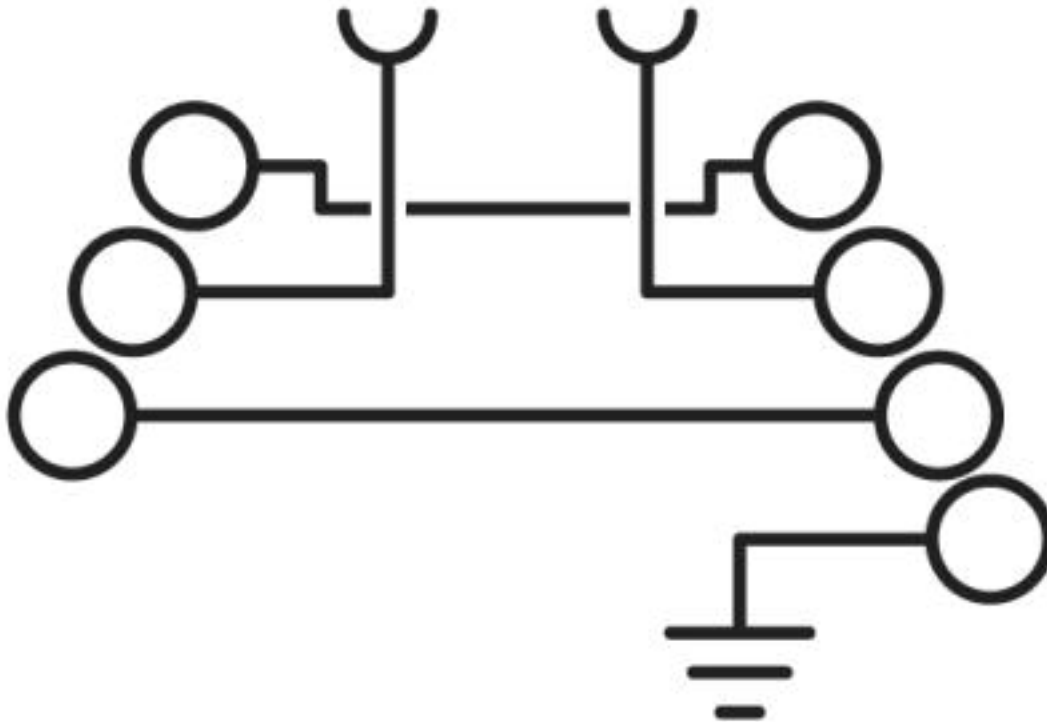
E/UK 1 - 1201413



### Drawings

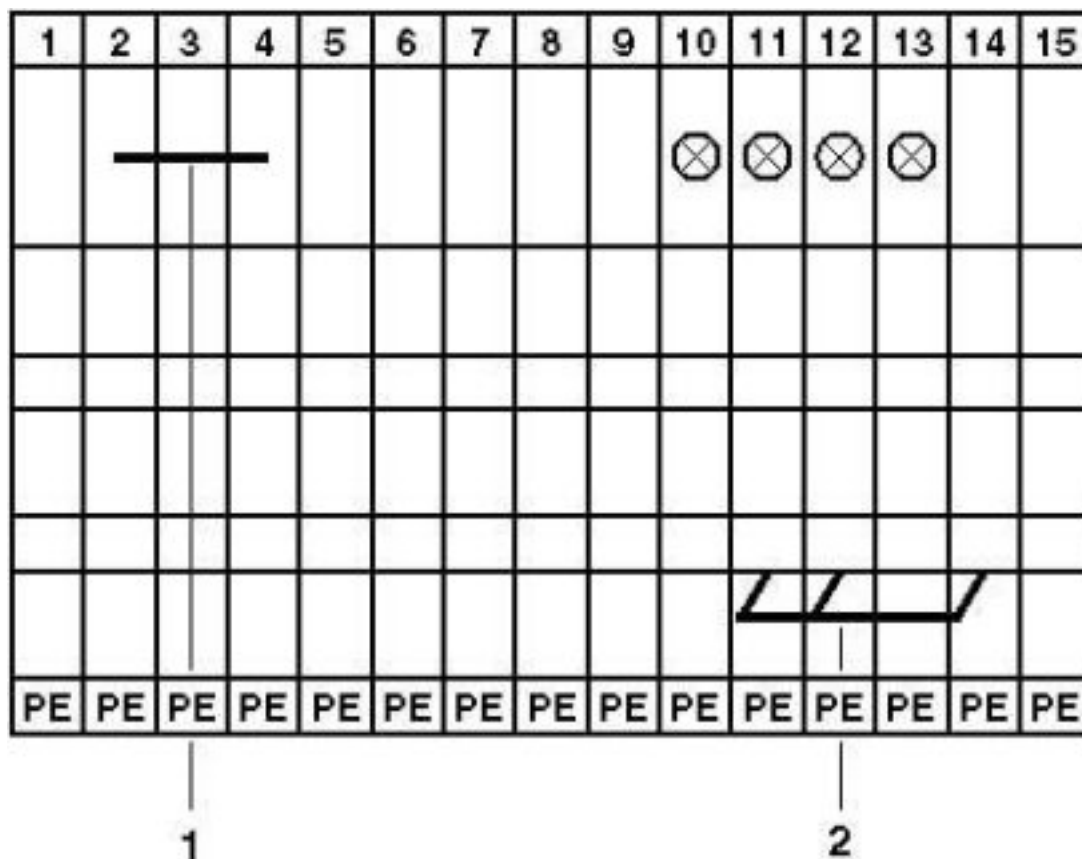
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Circuit diagram



Sensor/actuator terminal block - VIOK 1,5-D/TG/D/PE - 3011067

### Circuit diagram



1 = fixed bridge2 = insertion bridge

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