

## Sensor/actuator terminal block - VIOK 1,5-2D - 2718196

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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

### Why buy this product

- This terminal block has 2 feed-through levels and 2 busbar levels
- It is used for programmable or self-monitoring initiators which are additionally controlled via the second feed-through level



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| GTIN                                 | <br>4 017918 062262 |
| Weight per Piece (excluding packing) | 19.44 g   |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Poland  |

### Technical data

#### General

|  |  |
|--|--|
| Number of levels                             | 4  |
| 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                                    |
| Maximum load current (lower level)           | 26 A   |
| Additional text                              | with 2.5 mm <sup>2</sup> conductor cross section |
| Nominal current I <sub>N</sub> (lower level) | 24 A   |

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### Technical data

#### General

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 250 V |
| Open side panel       | nein  |

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| Length           | 73 mm   |
| Height NS 35/7,5 | 70 mm   |
| Height NS 35/15  | 77.5 mm |

#### Connection data

|   |                      |
|---|----------------------|
| Connection method   | Screw connection     |
| 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>  |
| 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>  |
| 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>  |
| Stripping length  | 8 mm                 |
| Internal cylindrical gage   | A3                   |
| Screw thread  | M3                   |
| Tightening torque, min  | 0.5 Nm               |

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## Technical data

### Connection data

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

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#### Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted


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#### Approval details

## Sensor/actuator terminal block - VIOK 1,5-2D - 2718196

### Approvals

|   |       |
|---|-------|
| CSA  |       |
| mm <sup>2</sup> /AWG/kcmil  | 28-14 |
| Nominal current I <sub>N</sub>  | 15 A  |
| Nominal voltage U <sub>N</sub>  | 300 V |

|   |       |
|---|-------|
| UL Recognized  |       |
| mm <sup>2</sup> /AWG/kcmil  | 30-14 |
| Nominal current I <sub>N</sub>  | 15 A  |
| Nominal voltage U <sub>N</sub>  | 300 V |

|  |       |
|--|-------|
| cUL Recognized  |       |
| mm <sup>2</sup> /AWG/kcmil   | 30-14 |
| Nominal current I <sub>N</sub>   | 15 A  |
| Nominal voltage U <sub>N</sub>   | 300 V |

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

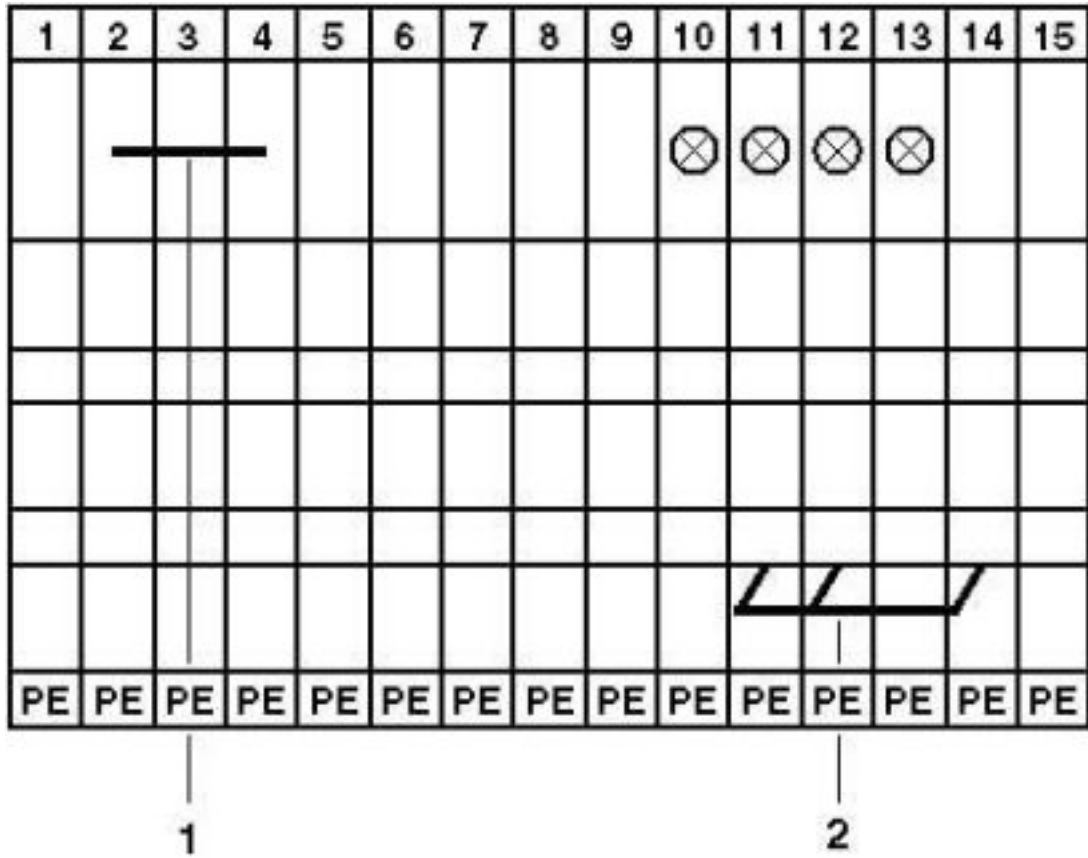
### Drawings

# Sensor/actuator terminal block - VIOK 1,5-2D - 2718196

Circuit diagram



Circuit diagram



1 = fixed bridge  
2 = insertion bridge