

## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

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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



### Key commercial data

package_quantity	50
GTIN	4017918282790

### 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	6 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>	400 V (when using EB insertion bridges, the nominal voltage is reduced to 250 V.)
Open side panel	nein

#### Dimensions

Width	6.2 mm
Length	82.5 mm
Height NS 35/7,5	70 mm
Height NS 35/15	77.5 mm

#### Connection data

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### Technical data

#### 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
eCl@ss 6.0	27141128
eCl@ss 7.0	27141128

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## classifications

eCl@ss

eCl@ss 8.0	27141128
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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

ATEX /

### Approval details

ATEX	
Nominal voltage UN	176 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	2.5

## accessories

### Labeled terminal marker

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



## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

### accessories

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### Bridge

FB-150 METER - 0201595



FBI 100- 6 - 0201650



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### accessories

FBI 10- 6 - 0203250



FBI 20- 6 - 0201867



EB 80- DIK BU - 2715940



EB 10- DIK RD - 2716774



EB 10- DIK BU - 2716680



EB 80- DIK RD - 2715953



## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

accessories

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EB 10- DIK GY - 2715937



EB 80- DIK WH - 2715788



### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



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accessories

UCT-TM 6 - 0828736



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## Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

### accessories

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



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



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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730





## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

accessories

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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



NS 35/15 ZN PERF 2000MM - 1206599



## Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

accessories

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



**End block**

CLIPFIX 35 - 3022218



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### accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



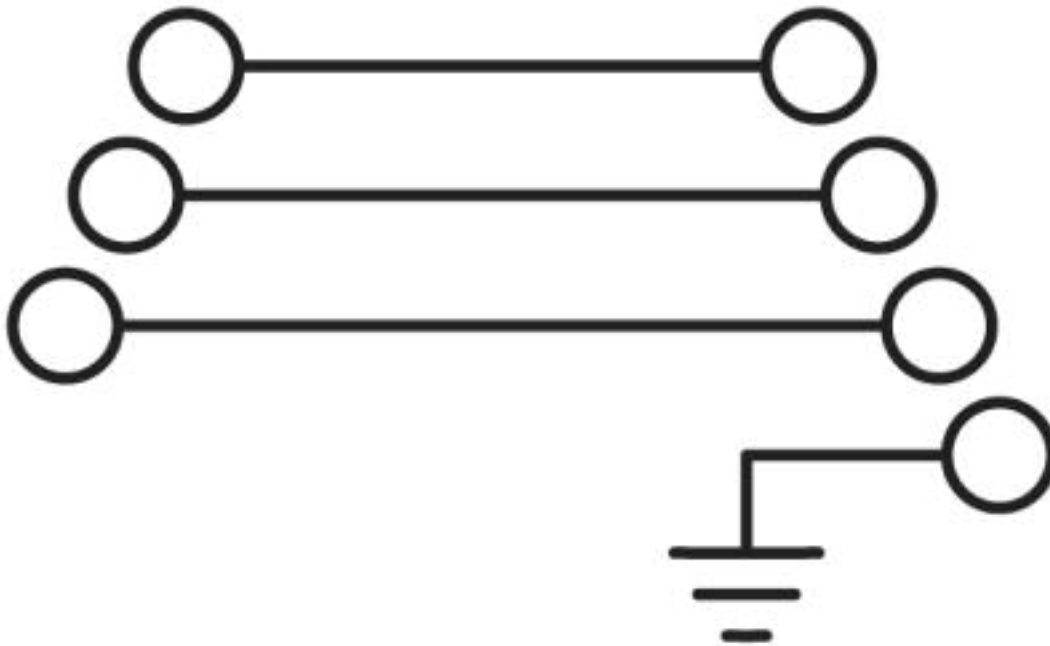
E/UK 1 - 1201413



### Drawings

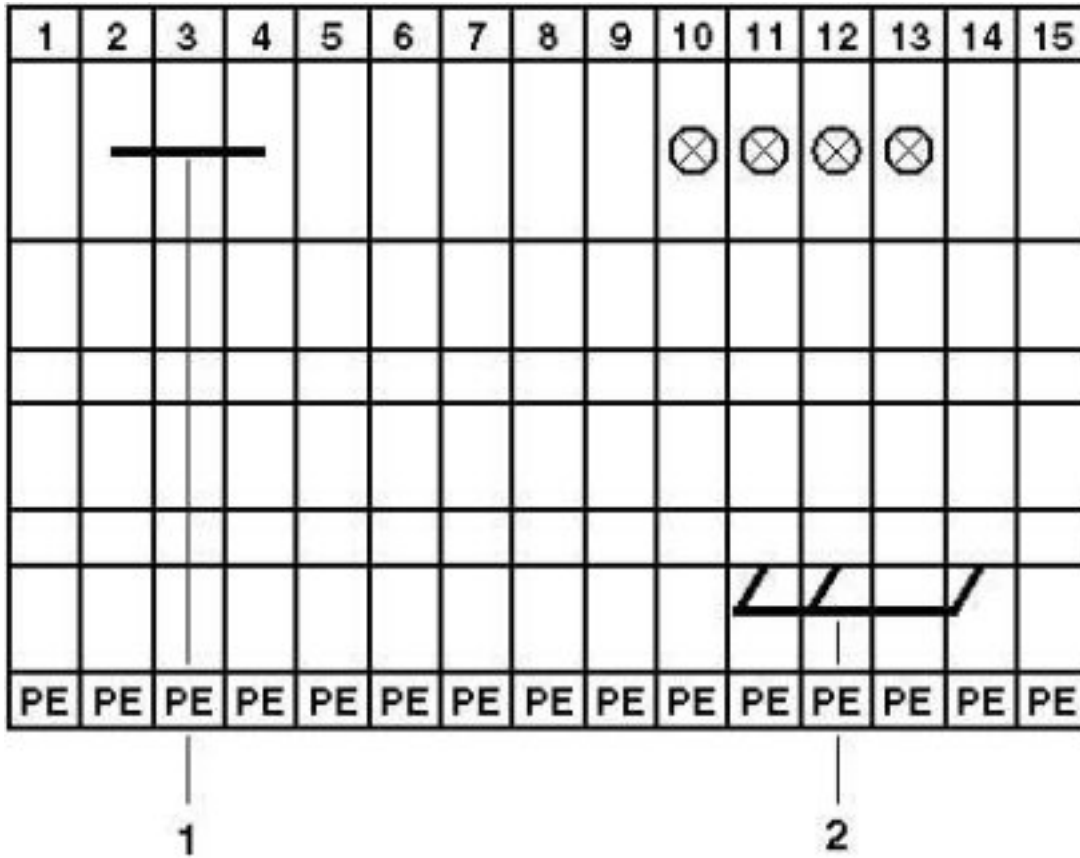
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Circuit diagram



# Sensor/actuator terminal block - VIOK 1,5-3D/PE-EX - 3024465

Circuit diagram



1 = fixed bridge  
2 = insertion bridge

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