

## Sensor/actuator terminal block - VIOK 1,5 - 2718015

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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

- The upper level contains the feed-through connections for the signal cable which can be labeled
- 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 PE connection is located in the lower level
- The two middle terminal points supply potential to the initiator



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 062118
Weight per Piece (excluding packing)	19.29 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	4
Number of connections	5
Nominal cross section	2.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Degree of pollution	3

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### Technical data

#### General

Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-2
Nominal current $I_N$	24 A
Maximum load current	26 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	250 V
Open side panel	No

#### Dimensions

Width	6.2 mm
Length	62.5 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, 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>

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### Technical data

#### Connection data

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
Tightening torque max	0.6 Nm

#### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1 / IEC 60947-7-2
Flammability rating according to UL 94	V2

### 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

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## Approvals

### Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

CSA	
mm <sup>2</sup> /AWG/kcmil	28-14
Nominal current IN	15 A
Nominal voltage UN	300 V

UL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14	30-14
Nominal current IN	15 A	15 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14	30-14
Nominal current IN	15 A	15 A	10 A
Nominal voltage UN	300 V	150 V	300 V

EAC
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## Approvals

EAC

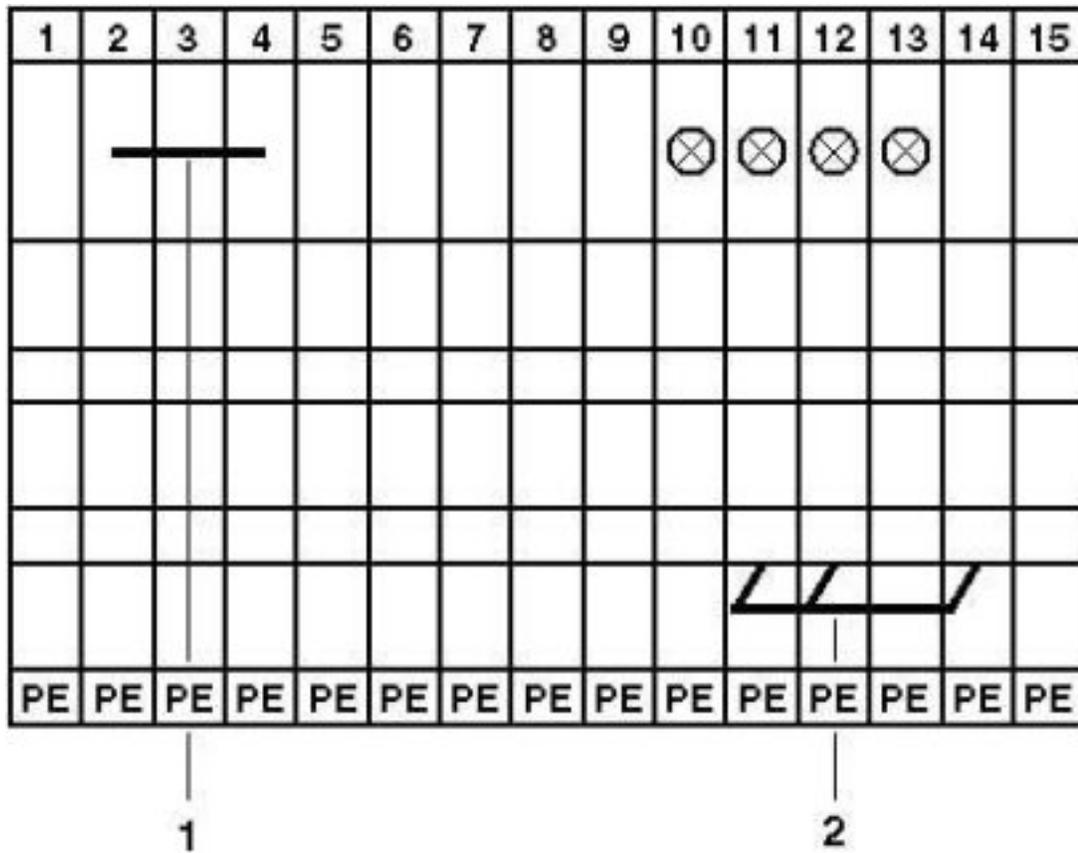
cULus Recognized US

## Drawings

Circuit diagram



Circuit diagram



1 = fixed bridge  
2 = insertion bridge