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

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Sensor/actuator terminal block, Cross section: 0.2 mm² - 4 mm², 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

- 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	50 STK
GTIN	 4 017918 062118

Technical data

General

Number of levels	4
Number of connections	5
Nominal cross section	2.5 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Degree of pollution	3
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 ² conductor cross section)
Nominal voltage U _N	250 V
Open side panel	No

Dimensions

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

Technical data

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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
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

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Technical data

Standards and Regulations

Flammability rating according to UL 94	V2
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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

Approvals

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


Ex Approvals


Approvals submitted


Approval details

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

Approvals

CSA 	
mm²/AWG/kcmil	28-14
Nominal current I _N	15 A
Nominal voltage U _N	300 V

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	30-14	30-14	30-14
Nominal current I _N	15 A	15 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized 			
	B	C	D
mm²/AWG/kcmil	30-14	30-14	30-14
Nominal current I _N	15 A	15 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

EAC

EAC

cULus Recognized 
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Drawings

Circuit
diagram

[illegible]

1 = fixed bridge
2 = insertion bridge

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