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Especialistas en Automatización

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## Sensor/actuator terminal block - DOK 1,5-TG - 2717113

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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

- Same shape as DIK ... three-level initiator terminal blocks
- The forks of the insertion bridge can be easily loosened for bridging between non-adjacent terminal blocks
- Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring
- The upper level contains the feed-through connections for the signal cable which can be labeled
- Alternate wiring of an actuator followed by an initiator is easy
- Unlike the DIK terminal blocks, the lower level of these output terminal blocks makes direct contact with the DIN rail and as a PE connection are marked yellow-green
- Because the spine of the insertion bridge can be snapped into place with the terminal block housing, all the terminal points can be wired freely and the bridge can be securely positioned
- The middle level supplies the connected actuators with power

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 062101

### Technical data

#### General

Number of levels	3
Number of connections	4
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
Overvoltage 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>	16 A (the current is determined by the component used)

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## Technical data

### General

Maximum load current	16 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	250 V (the voltage is determined by the component used)
Nominal current I <sub>N</sub> (upper level)	16 A
Maximum load current (upper level)	16 A
Nominal voltage U <sub>N</sub>	250 V
Open side panel	No

### Dimensions

Width	6.2 mm
Length	61 mm
Height NS 35/7,5	54.5 mm
Height NS 35/15	62 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>
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

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## Technical data

### Connection data

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

## Approvals

### Approvals

#### Approvals

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


#### Ex Approvals


## Sensor/actuator terminal block - DOK 1,5-TG - 2717113


### Approvals

Approvals submitted

### Approval details

CSA 	
mm²/AWG/kcmil	28-14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	300 V

UL Recognized 	
mm²/AWG/kcmil	30-14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	300 V

cUL Recognized 	
mm²/AWG/kcmil	30-14
Nominal current I <sub>N</sub>	15 A
Nominal voltage U <sub>N</sub>	300 V

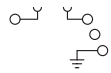
EAC
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cULus Recognized 
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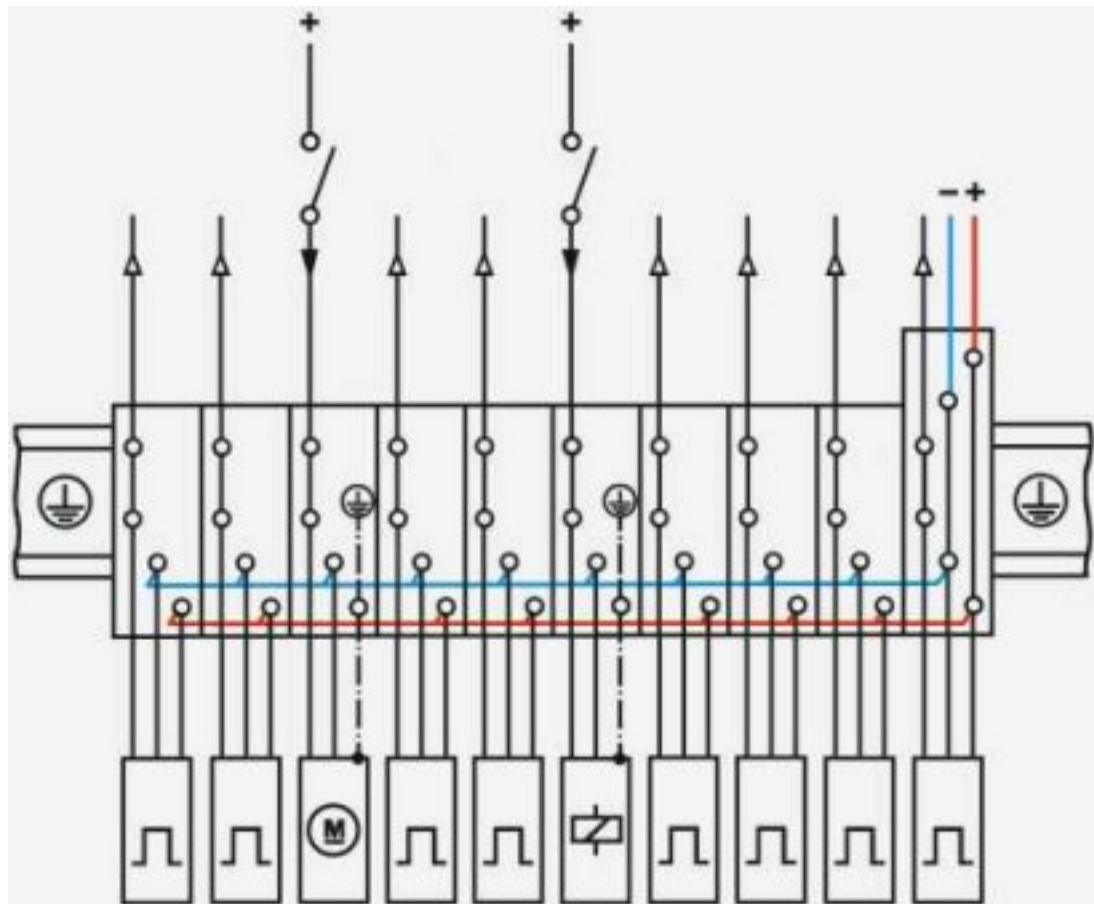
### Drawings

## Sensor/actuator terminal block - DOK 1,5-TG - 2717113

Circuit  
diagram



Circuit diagram



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