

# Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

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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

- ✔ 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
- ✔ 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
- ✔ 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
- ✔ 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

<b>package_quantity</b>	50
<b>GTIN</b>	4017918091910

## Technical data

### General

<b>Number of levels</b>	3
<b>Number of connections</b>	5
<b>Color</b>	gray
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V2

### General

<b>Rated surge voltage</b>	4 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 60947-7-1 / IEC 60947-7-2
<b>Nominal current I<sub>N</sub></b>	24 A
<b>Nominal voltage U<sub>N</sub></b>	250 V (the voltage is determined by the component used)
<b>Open side panel</b>	nein

## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

### Technical data

#### Dimensions

Width	6.2 mm
Length	63 mm
Height NS 35/7,5	54.5 mm
Height NS 35/15	62 mm

#### 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
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# Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

## classifications

### eCl@ss

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

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

### Approval details

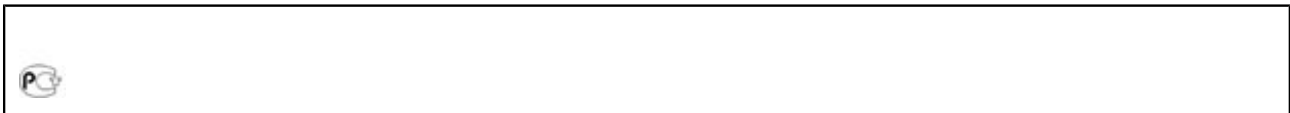
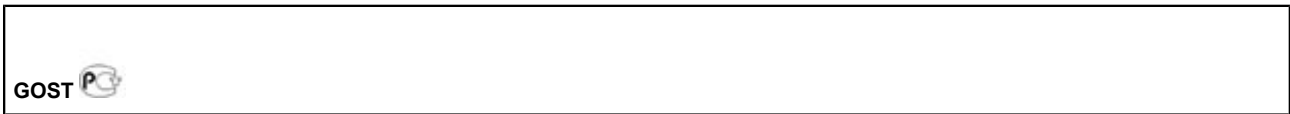
	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	28-14

	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm <sup>2</sup> /AWG/kcmil	30-14

# Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

approvals

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



accessories

## Labeled terminal marker

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



ZB 6 CUS - 0824992



## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

### accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### Fuse

ST-SILA250 - 0920287



ST-SILA250-UK 4 - 0921053



ST-SILED 60-UK 4 - 0921040



## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

### accessories

ST-SILED 24-UK 4 - 0921037



ST-SILED 12-UK 4 - 0921024



### Partition plate

ATP-DIKD 1,5 - 1413285



### Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

accessories

UC-TM 6 - 0818085



UCT-TM 6 - 0828736



### Bridge

EB 80- DIK BU - 2715940



EB 10- DIK RD - 2716774



EB 10- DIK BU - 2716680



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### accessories

EB 80- DIK RD - 2715953



EB 10- DIK GY - 2715937



EB 80- DIK WH - 2715788



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681





## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

### accessories

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



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



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



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



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



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



## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

accessories

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NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



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



# Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

accessories

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## End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



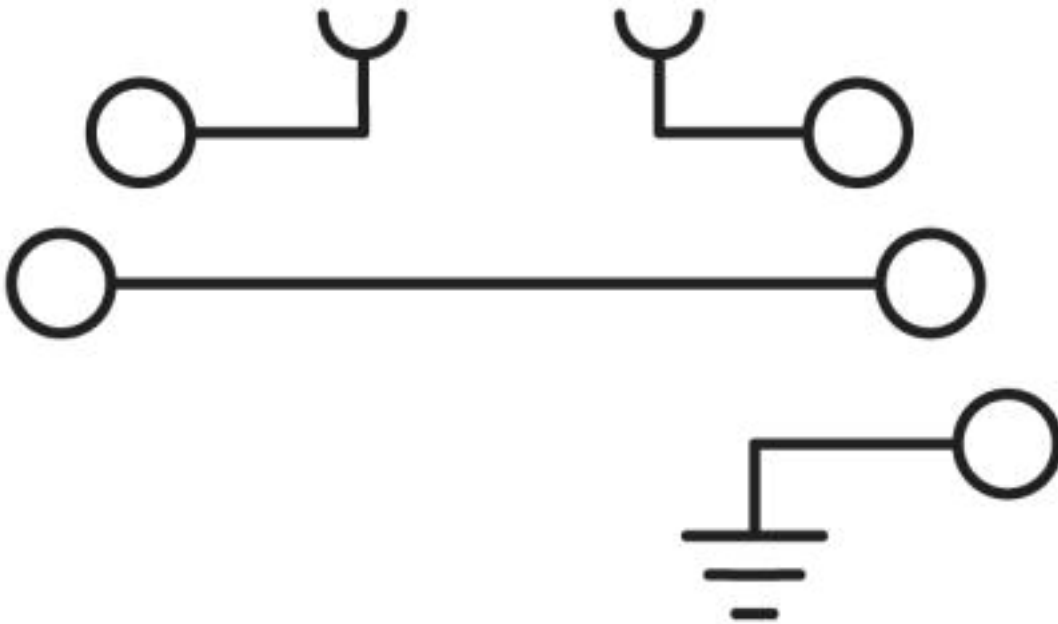
E/UK 1 - 1201413



## Drawings

## Sensor/actuator terminal block - DOKD 1,5-TG - 3011054

Circuit diagram



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