

Sensor/actuator terminal block - DOK 1,5 - 2717016

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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

Product Features

- Same shape as DIK ... three-level initiator terminal blocks
- Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring
- The forks of the insertion bridge can be easily loosened for bridging between non-adjacent terminal blocks
- Alternate wiring of an actuator followed by an initiator is easy
- The upper level contains the feed-through connections for the signal cable which can be labeled
- 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
- 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 middle level supplies the connected actuators with power

Key commercial data

package_quantity	50
GTIN	4017918062040

Technical data

General

Number of levels	3
Number of connections	4
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

General

Rated surge voltage	4 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_N	24 A
Nominal voltage U_N	250 V
Open side panel	nein

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Technical data

Dimensions

Width	6.2 mm
Length	61.5 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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve 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
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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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

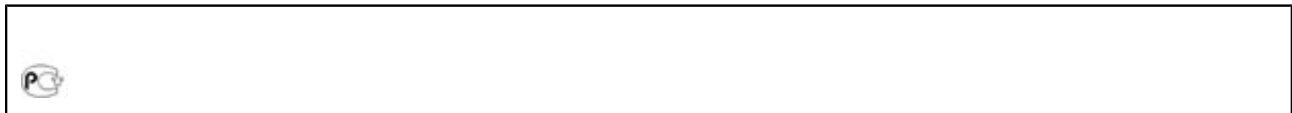
	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm ² /AWG/kcmil	28-14

	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm ² /AWG/kcmil	30-14

Sensor/actuator terminal block - DOK 1,5 - 2717016

approvals

cUL Recognized	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm ² /AWG/kcmil	30-14



accessories

Labeled terminal marker

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



ZB 6 CUS - 0824992



Sensor/actuator terminal block - DOK 1,5 - 2717016

accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



Bridge

FB-150 METER - 0201595



FBI 100- 6 - 0201650



FBI 10- 6 - 0203250



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accessories

FBI 20- 6 - 0201867



EB 80- DIK RD - 2715953



EB 80- DIK BU - 2715940



EB 10- DIK RD - 2716774



EB 10- DIK BU - 2716680



EB 10- DIK GY - 2715937



Sensor/actuator terminal block - DOK 1,5 - 2717016

accessories

EB 80- DIK WH - 2715788



Partition plate

ATP-DIKD 1,5 - 1413285



Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



Sensor/actuator terminal block - DOK 1,5 - 2717016

accessories

UCT-TM 6 - 0828736



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



Sensor/actuator terminal block - DOK 1,5 - 2717016

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 - DOK 1,5 - 2717016

accessories

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 - DOK 1,5 - 2717016

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



Sensor/actuator terminal block - DOK 1,5 - 2717016

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



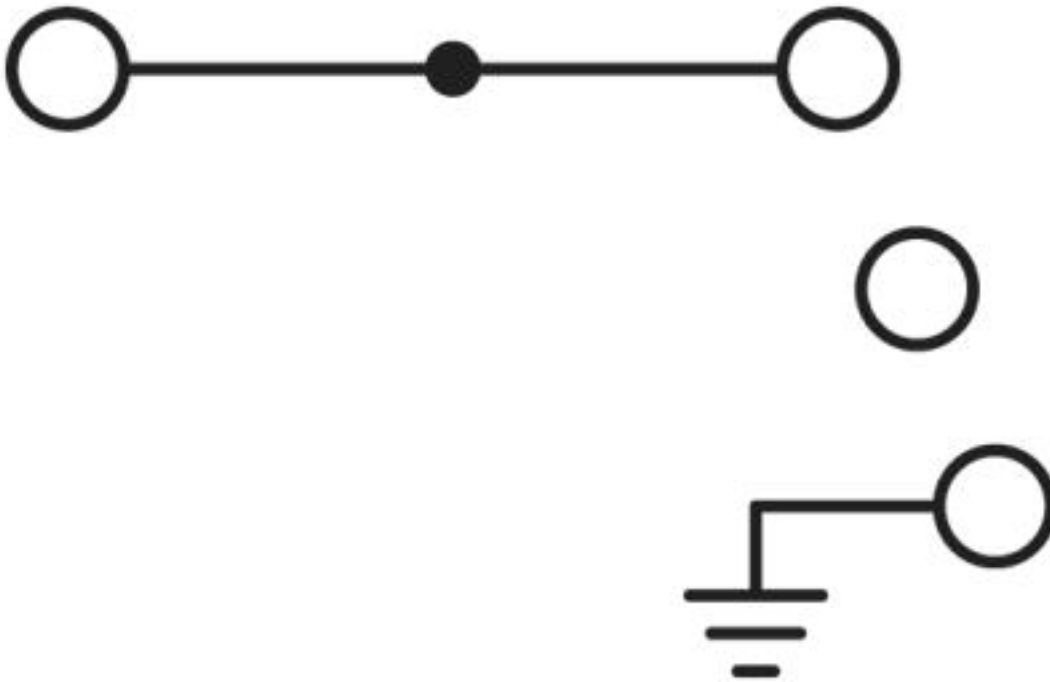
E/UK 1 - 1201413



Drawings

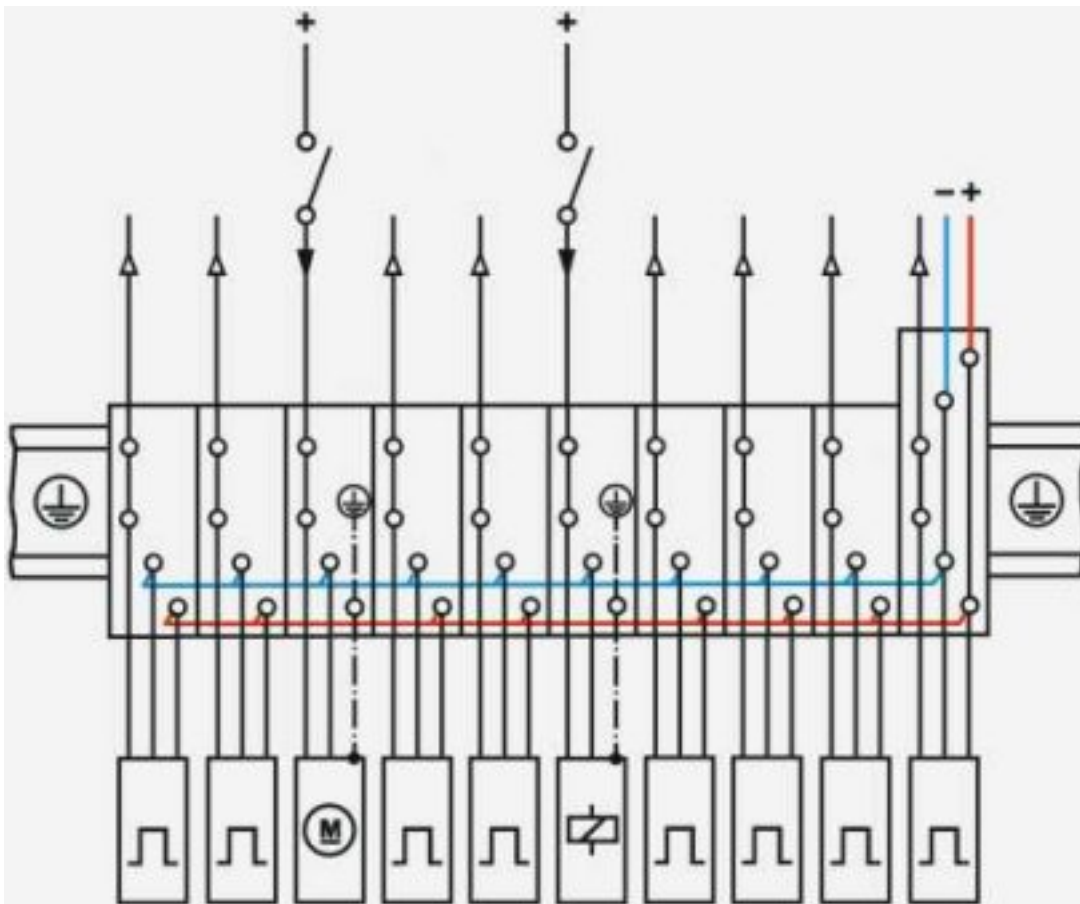
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Circuit diagram



Sensor/actuator terminal block - DOK 1,5 - 2717016

Circuit diagram



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