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Sensor/actuator terminal block - DIKD 1,5 - 2715979

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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 positive and negative potential can be supplied to the insertion bridges via this power terminal block
- The first initiator can also be connected to this three-conductor feed-through terminal block

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 429 (CL1-2011)
GTIN	4 017918 061722
Custom tariff number	85369010
Country of origin	POLAND

Technical data

General

Number of levels	3
Number of connections	6
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

Dimensions

Width	6.2 mm
Length	72.5 mm
Height NS 35/7,5	54.5 mm
Height NS 35/15	62 mm

Technical data

Rated surge voltage	4 kV
Pollution degree	3

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Technical data

Technical data

Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	24 A
Nominal voltage U_N	250 V
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	4.8 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.5 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.2 mm² / 0.2 kg
Bending test conductor cross section/weight	2.5 mm² / 0.7 kg
Bending test conductor cross section/weight	4 mm² / 0.9 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.2 mm²
Tractive force setpoint	10 N
Conductor cross section tensile test	2.5 mm²
Tractive force setpoint	50 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	60 N
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	2.5 mm²
Short-time current	0.3 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	115 °C

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²

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Technical data

Connection data

Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Cross section with insertion bridge, solid max.	4 mm²
Cross section with insertion bridge, stranded max.	2.5 mm²
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

ETIM

ETIM 2.0	EC000900
ETIM 3.0	EC000900
ETIM 4.0	EC000900
ETIM 5.0	EC000900

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	28-14
Nominal current IN	15 A
Nominal voltage UN	300 V

UL Recognized

	B	C	D
mm²/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

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Approvals

cUL Recognized

	B	C	D
mm²/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

GOST

GOST

cULus Recognized

Accessories

Accessories

Assembly

Separating plate - D-DEK 1,5 GN - 2716949



Cover for setting the end of a terminal row, color: green

Fixed bridge - FB-150 METER - 0201595



Cross connection rail, for fixed bridging of identical inputs and outputs, made of Cu, nickel-plated, 1 m long

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

Partition plate - ATP-DIKD 1,5 - 1413285



Partition plate, Length: 83 mm, Width: 2 mm, Height: 60 mm, Color: gray

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DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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



DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

End clamp - CLIPFIX 35 - 3022218



Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, can be fitted with ZB 5 and ZBF 5 zack marker strip, KLM 2, KLM3, and KML3L terminal strip marker, parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

Bridges

Fixed bridge - FBI 100- 6 - 0201650

Fixed bridge, Number of positions: 100, Color: silver

Fixed bridge - FBI 10- 6 - 0203250



Fixed bridge, Number of positions: 10, Color: silver

Fixed bridge - FBI 20- 6 - 0201867



Fixed bridge, Number of positions: 20, Color: silver

Insertion bridge - EB 80- DIK RD - 2715953



Insertion bridge, Number of positions: 80, Color: red

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

Insertion bridge - EB 80- DIK BU - 2715940



Insertion bridge, Number of positions: 80, Color: blue

Insertion bridge - EB 10- DIK RD - 2716774



Insertion bridge, Number of positions: 10, Color: red

Insertion bridge - EB 10- DIK BU - 2716680



Insertion bridge, Number of positions: 10, Color: blue

Insertion bridge - EB 10- DIK GY - 2715937



Insertion bridge, Number of positions: 10, Color: gray

Insertion bridge - EB 80- DIK WH - 2715788



Insertion bridge, Number of positions: 80, Color: white

Insertion bridge - EB 5- DIK BU - 2716677



Insertion bridge, Number of positions: 5, Color: blue

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

Insertion bridge - EB 4- DIK BU - 2716664

Insertion bridge, Number of positions: 4, Color: blue

Insertion bridge - EB 3- DIK BU - 2716651



Insertion bridge, Number of positions: 3, Color: blue

Insertion bridge - EB 2- DIK BU - 2716648



Insertion bridge, Number of positions: 2, Color: blue

Insertion bridge - EB 5- DIK RD - 2716761



Insertion bridge, Number of positions: 5, Color: red

Insertion bridge - EB 4- DIK RD - 2716758

Insertion bridge, Number of positions: 4, Color: red

Insertion bridge - EB 3- DIK RD - 2716745



Insertion bridge, Number of positions: 3, Color: red

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

Insertion bridge - EB 2- DIK RD - 2716693



Insertion bridge, Number of positions: 2, Color: red

Marking

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



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 6.2 mm

Marker cards - SBS 6:UNBEDRUCKT - 1007222



Marker cards, Card, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 6 x 6.1 mm

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Zack marker strip - ZB 6 CUS - 0824992



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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Sensor/actuator terminal block - DIKD 1,5 - 2715979

Accessories

Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UC-TM 6 CUS - 0824589



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 6 CUS - 0829602



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

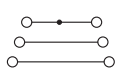
End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

Drawings

Circuit diagram



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