

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



2715814

<https://www.phoenixcontact.com/us/products/2715814>

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Sensor/actuator terminal block, nom. voltage: 250 V, nominal current: 24 A, connection method: Screw connection, 1st, 2nd and 3rd level, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Terminal blocks with red and green LEDs are available for optical signaling of the initiator and actuator wiring

Commercial Data

Item number	2715814
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B01
Product Key	BE1217
Catalog Page	Page 483 (C-1-2019)
GTIN	4017918061562
Weight per Piece (including packing)	20.78 g
Weight per Piece (excluding packing)	20.78 g
Customs tariff number	85369010
Country of origin	PL

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Technical Data

Product properties

Product type	Sensor/actuator terminal block
Number of connections	6
Number of rows	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W
LED voltage range	15 V DC ... 30 V DC

Input data

LED voltage range	15 V DC ... 30 V DC
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Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²

1st, 2nd and 3rd level

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Cross-section with insertion bridge, rigid	4 mm ²
Cross-section with insertion bridge, flexible	2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	24 A
Maximum load current	30 A (with 4 mm ² conductor cross section)

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Nominal voltage	250 V
Nominal cross section	2.5 mm ²

Dimensions

Width	6.2 mm
Height NS 35/15	62 mm
Height NS 35/7,5	54.5 mm
Height	2.146 "
Length	72.5 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	NS 35/7,5
	NS 35/15

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

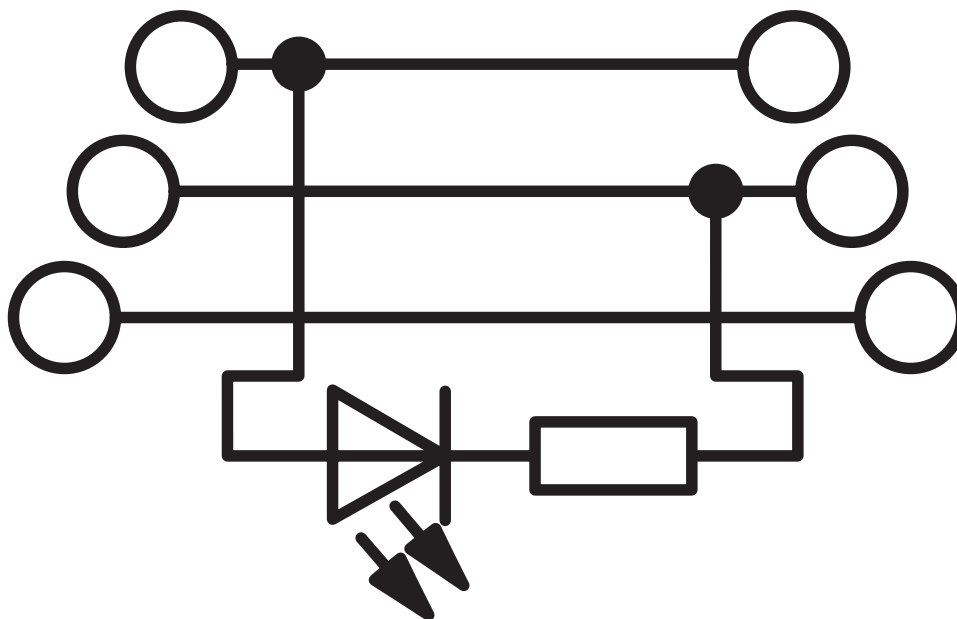


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Drawings

Circuit diagram



Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M





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Approvals

 CSA Approval ID: 13631				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	300 V	15 A	28 - 14	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
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 cULus Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B				
	300 V	15 A	30 - 14	-
PE connection			30 - 14	-
Use group C				
	150 V	15 A	30 - 14	-
PE connection			30 - 14	-
Use group D				
	300 V	10 A	30 - 14	-

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Classifications

ECLASS

ECLASS-9.0	27141128
ECLASS-10.0.1	27141128
ECLASS-11.0	27141128

ETIM

ETIM 8.0	EC000900
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance


China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

 Note: Applying some accessories below might limit this product.


Insertion bridge

Insertion bridge - EB 80- DIK RD - 2715953

<https://www.phoenixcontact.com/us/products/2715953>



Insertion bridge, pitch: 6.2 mm, color: red

 Max. current carrying capacity: 24 A


Insertion bridge

Insertion bridge - EB 80- DIK BU - 2715940

<https://www.phoenixcontact.com/us/products/2715940>



Insertion bridge, pitch: 6.2 mm, color: blue

 Max. current carrying capacity: 24 A

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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Insertion bridge

Insertion bridge - EB 10- DIK RD - 2716774

<https://www.phoenixcontact.com/us/products/2716774>



Insertion bridge, pitch: 6.15 mm, color: red

Insertion bridge

Insertion bridge - EB 10- DIK BU - 2716680

<https://www.phoenixcontact.com/us/products/2716680>



Insertion bridge, pitch: 6.15 mm, color: blue

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Insertion bridge

Insertion bridge - EB 10- DIK GY - 2715937

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Insertion bridge, pitch: 6.15 mm, color: gray

Insertion bridge

Insertion bridge - EB 80- DIK WH - 2715788

<https://www.phoenixcontact.com/us/products/2715788>



Insertion bridge, pitch: 6.15 mm, color: white

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Marker card

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

<https://www.phoenixcontact.com/us/products/0804374>



Marker 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, lettering field size: 6.2 x 3.8 mm

Partition plate

Partition plate - ATP-DIKD 1,5 - 1413285

<https://www.phoenixcontact.com/us/products/1413285>



Partition plate, length: 83 mm, width: 2 mm, height: 60 mm, color: gray

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Marker card

Marker card - SBS 6:UNBEDRUCKT - 1007222

<https://www.phoenixcontact.com/us/products/1007222>



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: snapped, snap into flat marker groove, for terminal block width: 6 mm, lettering field size: 6 x 6.1 mm, Number of individual labels: 250

DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/0801733>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/0801681>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/1204119>



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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<https://www.phoenixcontact.com/us/products/2715814>

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/us/products/1204122>



DIN rail, unperforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/0801704>



DIN rail, unperforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/1206421>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/1206434>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

<https://www.phoenixcontact.com/us/products/0801762>



DIN rail, unperforated, acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

End cap

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

<https://www.phoenixcontact.com/us/products/1206560>

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



Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/1201730>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/1201714>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/0806602>



DIN rail perforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135

<https://www.phoenixcontact.com/us/products/1204135>



DIN rail, unperforated, similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

DIN rail perforated

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

<https://www.phoenixcontact.com/us/products/1206599>



DIN rail perforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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<https://www.phoenixcontact.com/us/products/2715814>

DIN rail, unperforated

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

<https://www.phoenixcontact.com/us/products/1206586>



DIN rail, unperforated, similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver, Pack of 25 (50 m)

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895

<https://www.phoenixcontact.com/us/products/1201895>



DIN rail, unperforated, similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored, Pack of 10 (20 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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End cap

End cap - NS 35/15 CAP - 1206573

<https://www.phoenixcontact.com/us/products/1206573>

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



DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798

<https://www.phoenixcontact.com/us/products/1201798>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver, Pack of 10 (20 m)

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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Zack marker strip

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003

<https://www.phoenixcontact.com/us/products/1051003>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip

Zack marker strip - ZB 6 CUS - 0824992

<https://www.phoenixcontact.com/us/products/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 size: 6.15 x 10.5 mm, Number of individual labels: 10

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Zack marker strip

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016

<https://www.phoenixcontact.com/us/products/1051016>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

Zack marker strip

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029

<https://www.phoenixcontact.com/us/products/1051029>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6. 15 x 10.5 mm, Number of individual labels: 10

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Zack marker strip

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032

<https://www.phoenixcontact.com/us/products/1051032>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414

<https://www.phoenixcontact.com/us/products/1051414>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430

<https://www.phoenixcontact.com/us/products/1051430>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 - 0818085

<https://www.phoenixcontact.com/us/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Marker for terminal blocks

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

<https://www.phoenixcontact.com/us/products/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 size: 5.6 x 10.5 mm, Number of individual labels: 80

Marker for terminal blocks

Marker for terminal blocks - UCT-TM 6 - 0828736

<https://www.phoenixcontact.com/us/products/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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Marker for terminal blocks

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

<https://www.phoenixcontact.com/us/products/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 size: 5.6 x 10.5 mm, Number of individual labels: 60

End clamp

End clamp - CLIPFIX 35 - 3022218

<https://www.phoenixcontact.com/us/products/3022218>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M

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End clamp

End clamp - CLIPFIX 35-5 - 3022276

<https://www.phoenixcontact.com/us/products/3022276>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp

End clamp - E/NS 35 N - 0800886

<https://www.phoenixcontact.com/us/products/0800886>



End clamp, width: 9.5 mm, color: gray

Sensor/actuator terminal block - DIKD 1,5-LA 24RD/O-M



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End clamp

End clamp - E/UK - 1201442

<https://www.phoenixcontact.com/us/products/1201442>

End clamp, material: PA, color: gray, Mounting on a DIN rail NS 32 or NS 35



End clamp

End clamp - E/UK 1 - 1201413

<https://www.phoenixcontact.com/us/products/1201413>

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



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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com