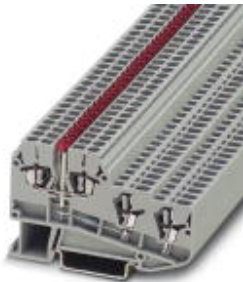


Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Sensor/actuator terminal block, Connection type: Spring-cage connection, Cross section: 0.14 mm² - 2.5 mm², AWG: 26 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 017918 147426 |
| GTIN | 4017918147426 |
| Weight per Piece (excluding packing) | 10.810 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|--|----------|
| Number of levels | 3 |
| Number of connections | 4 |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 4 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC / EN |
| Nominal current I _N | 17.5 A |

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Technical data

General

| | |
|---|---|
| Maximum load current | 17.5 A (with a 2.5 mm ² conductor cross section) |
| Nominal voltage U _N | 250 V |
| Connection in acc. with standard | IEC / EN |
| Nominal current I _N (upper level) | 17.5 A |
| Nominal voltage U _N | 250 V |
| Open side panel | Yes |
| Relative insulation material temperature index (Elec.; UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |
| Behavior in fire for rail vehicles (DIN 5510-2) | Test passed |
| Flame test method (DIN EN 60695-11-10) | V0 |
| Oxygen index (DIN EN ISO 4589-2) | >32 % |
| NF F16-101, NF F10-102 Class I | 2 |
| NF F16-101, NF F10-102 Class F | 2 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |

Dimensions

| | |
|------------------|---------|
| Width | 5.2 mm |
| Length | 73.5 mm |
| Height NS 35/7,5 | 48.5 mm |
| Height NS 35/15 | 56 mm |

Connection data

| | |
|--|------------------------|
| Connection method | Spring-cage connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Technical data

Connection data

| | |
|--|------------------------|
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1.5 mm ² |
| Stripping length | 10 mm |
| Connection method | Spring-cage connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1.5 mm ² |
| Stripping length | 10 mm |

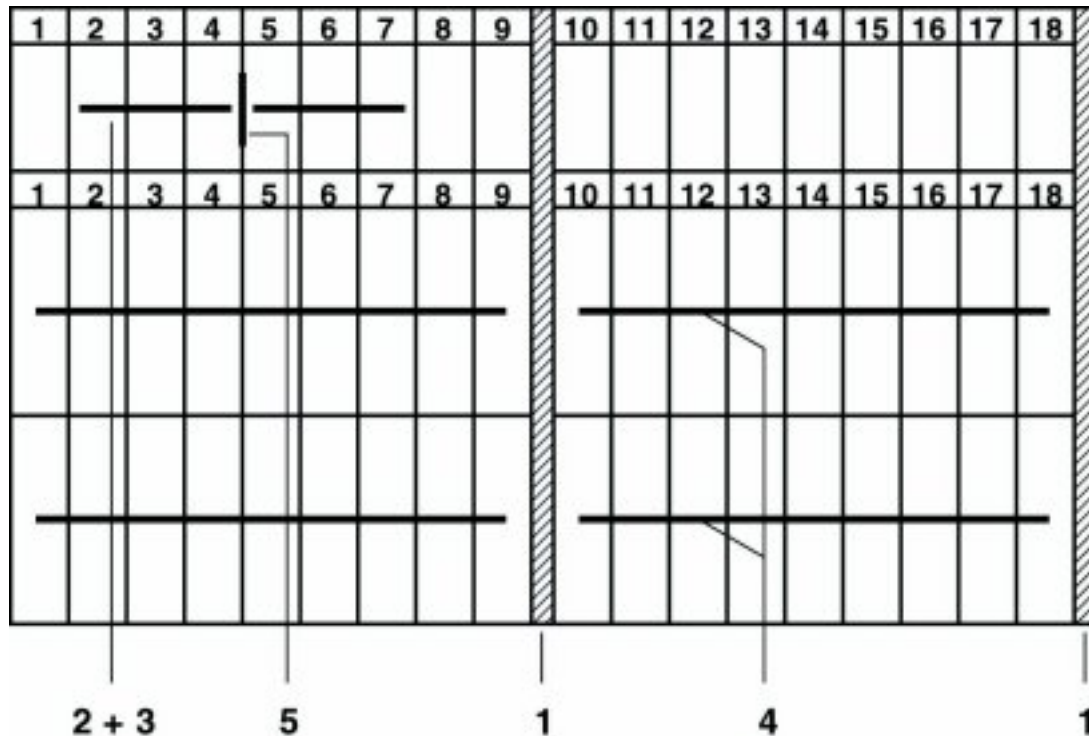
Standards and Regulations

| | |
|--|----------|
| Connection in acc. with standard | CUL |
| | IEC / EN |
| | IEC / EN |
| Flammability rating according to UL 94 | V0 |

Drawings

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Circuit diagram



- 1 = cover
- 2 = fixed bridge
- 3 = plug-in bridge, for cross-connections in the terminal center
- 4 = plug-in bridge
- 5 = separating plate

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141128 |
| eCl@ss 4.1 | 27141128 |
| eCl@ss 5.0 | 27141128 |
| eCl@ss 5.1 | 27141128 |
| eCl@ss 6.0 | 27141128 |
| eCl@ss 7.0 | 27141128 |
| eCl@ss 8.0 | 27141128 |
| eCl@ss 9.0 | 27141128 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000900 |
| ETIM 6.0 | EC000900 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| mm²/AWG/kcmil | 26-14 | | |
| Nominal current I _N | 15 A | | |
| Nominal voltage U _N | 300 V | | |

| | | | |
|--------------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| mm²/AWG/kcmil | 26-14 | | |
| Nominal current I _N | 15 A | | |
| Nominal voltage U _N | 300 V | | |

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Approvals

EAC



EAC-Zulassung

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

Accessories

Accessories

DIN rail

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

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



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

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



DIN rail 35 mm (NS 35)

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



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

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

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

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



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

DIN rail perforated - 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)

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

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

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



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

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



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

DIN rail, unperforated - 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

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

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



DIN rail, unperforated, Width: 35 mm, Height: 15 mm, Length: 2000 mm, Color: silver

End block

End clamp - CLIPFIX 35 - 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

End clamp - CLIPFIX 35-5 - 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 - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End clamp - E/UK - 1201442



End clamp, Width: 9.5 mm, Height: 35.3 mm, Length: 50.5 mm, Color: gray

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

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

End cover

End cover - D-ZDIK 1,5 - 3006593



End cover, Length: 73.5 mm, Width: 2 mm, Height: 40.7 mm, Color: gray

Insulating sleeve

Insulation stop sleeve - ISH ZDIK 1,5/0,2 - 3031021



Insulation stop sleeve

Insulating sleeve - ISH ZDIK 1,5/0,5 - 3031013



Insulating sleeve

Jumper

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

Plug-in bridge - FBSTB 10-ZDIK RD - 3006551



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 10, Color: red

Plug-in bridge - FBSTB 10-ZDIK BU - 3006548



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 10, Color: blue

Plug-in bridge - FBSTB 10-ZDIK GNYE - 3006771



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 10, Color: green-yellow

Plug-in bridge - FBSTB 80-ZDIK GY - 3006564



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 80, Color: gray

Plug-in bridge - FBSTB 80-ZDIK RD - 3006580



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 80, Color: red

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

Plug-in bridge - FBSTB 80-ZDIK BU - 3006577



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 80, Color: blue

Plug-in bridge - FBSTB 80-ZDIK GNYE - 3006768



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 80, Color: green-yellow

Plug-in bridge - FBSTB 10-ZDIK GY - 3006535



Plug-in bridge, Pitch: 5.2 mm, Number of positions: 10, Color: gray

Labeled terminal marker

Zack Marker strip, flat - ZBF 5 CUS - 0825025



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 2 - 20, 22 - 40, etc. up to 82 - 100, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Partition plate

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

Separating plate - TS-KK 3 - 2770215



Separating plate, Length: 14 mm, Width: 0 mm, Height: 16 mm, Color: gray

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Sensor/actuator terminal block - ZDIK 1,5-LA 24RD/O-M - 3006496

Accessories

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>