PHŒNIX CONTACT

Sensor/actuator terminal block - STIO 2,5/4-PE/2B/L-LA24GN/O-M - 3209183

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Sensor/actuator terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

The illustration shows a version with red LED

Product Features

☑ Upper level for signal wiring

Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
Weight per Piece (excluding packing)	14.45 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	3
Number of connections	5
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
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	18 A
Nominal voltage U_N	24 V (Light indicator, green)

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Technical data

General

Open side panel	ja

Dimensions

Width	5.2 mm
Length	92.3 mm
Height NS 35/7,5	44.5 mm
Height NS 35/15	52 mm

Connection data

Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.08 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Connection method	Spring-cage connection
Stripping length	10 mm

Classifications

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
eCl@ss 8.0	27141128

ETIM

ETIM 2.0	EC000900
ETIM 3.0	EC000900

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Classifications

ETIM

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

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	B	C	D
mm²/AWG/kcmil	28-12	28-12	28-12
Nominal current IN	10 A	18 A	10 A
Nominal voltage UN	300 V	150 V	300 V

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Approvals

cUL Recognized c℞

	B	C	D
mm²/AWG/kcmil	28-12	28-12	28-12
Nominal current IN	10 A	18 A	10 A
Nominal voltage UN	300 V	150 V	300 V

GOST ℞

cULus Recognized c℞us

Accessories

Accessories

Bridge

Plug-in bridge - FBS 2-5 - 3030161

Plug-in bridge, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-5 - 3030174

Plug-in bridge, Number of positions: 3, Color: red

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Accessories

Plug-in bridge - FBS 4-5 - 3030187

Plug-in bridge, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-5 - 3030190

Plug-in bridge, Number of positions: 5, Color: red

Plug-in bridge - FBS 10-5 - 3030213

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

Plug-in bridge - FBS 20-5 - 3030226

Plug-in bridge, Number of positions: 20, Color: red

Plug-in bridge - FBS 50-5 - 3038930

Plug-in bridge, Number of positions: 50, Color: red

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Accessories

Plug-in bridge - FBS 2-5 BU - 3036877

Plug-in bridge, Number of positions: 2, Color: blue

Plug-in bridge - FBS 3-5 BU - 3036880

Plug-in bridge, Number of positions: 3, Color: blue

Plug-in bridge - FBS 4-5 BU - 3036893

Plug-in bridge, Number of positions: 4, Color: blue

Plug-in bridge - FBS 5-5 BU - 3036903

Plug-in bridge, Number of positions: 5, Color: blue

Plug-in bridge - FBS 10-5 BU - 3036916

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

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Accessories

Plug-in bridge - FBS 20-5 BU - 3036929

Plug-in bridge, Number of positions: 20, Color: blue

Plug-in bridge - FBS 50-5 BU - 3032114

Plug-in bridge, Number of positions: 50, Color: blue

Plug-in bridge - FBS 2-5 GY - 3038969

Plug-in bridge, Number of positions: 2, Color: gray

Plug-in bridge - FBS 3-5 GY - 3038972

Plug-in bridge, Number of positions: 3, Color: gray

Plug-in bridge - FBS 4-5 GY - 3038985

Plug-in bridge, Number of positions: 4, Color: gray

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Accessories

Plug-in bridge - FBS 5-5 GY - 3038998

Plug-in bridge, Number of positions: 5, Color: gray

Plug-in bridge - FBS 10-5 GY - 3039007

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

Plug-in bridge - FBS 20-5 GY - 3038671

Plug-in bridge, Number of positions: 20, Color: gray

Plug-in bridge - FBS 50-5 GY - 3032127

Plug-in bridge, Number of positions: 50, Color: gray

Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block

Sensor/actuator terminal block - STIO 2,5/4-PE/2B/L-LA24GN/O-M - 3209183

Accessories

End cover

End cover - D-STIO 2,5/4 - 3209125

End cover, Length: 90 mm, Width: 2.2 mm, Color: gray

Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962

Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 5 CUS - 0824581

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: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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Marker for terminal blocks - UCT-TM 5 CUS - 0829595

Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

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Accessories

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

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

Mounting 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 - 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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Accessories

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, 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 - 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

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Accessories

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

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

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

Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004

Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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Marker for terminal blocks - UC-TM 5 - 0818108

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

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Marker for terminal blocks - UCT-TM 5 - 0828734

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

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Accessories

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

Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

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Marker for terminal blocks - UC-TMF 5 - 0818153

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 5 - 0828744

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

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