

# Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

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Sensor/actuator terminal block, Connection method: Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, 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

- Three-conductor output terminal block of the same shape with PE connection in the lower level for wiring actuators
- Power terminal blocks can be located at any point on the terminal strip for supply or extension purposes
- Versions with LED for indicating the switching states
- Easy bridging and potential distribution using the patented plug-in bridges from the CLIPLINE complete system
- Potential is supplied via the STIO-IN power terminal blocks
- For space and time-saving wiring of three-conductor initiators and actuators
- The upper level is for signal wiring, whereas the two lower levels are used to distribute the positive and negative potential

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4046356143523

## Technical data

### General

<b>Number of levels</b>	3
<b>Number of connections</b>	4
<b>Color</b>	gray
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0

### General

<b>Rated surge voltage</b>	4 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 60947-7-1
<b>Nominal current I<sub>N</sub></b>	18 A
<b>Nominal voltage U<sub>N</sub></b>	24 V (Light indicator, green)

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## Technical data

### General

Open side panel	ja
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### Dimensions

Width	5.2 mm
Length	75 mm
Height NS 35/7,5	44.5 mm
Height NS 35/15	52 mm

### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
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
ETIM 4.0	EC000900
ETIM 5.0	EC000900

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## classifications

### UNSPSC

<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

UL Recognized / cUL Recognized / cULus Recognized /

### Approval details

**UL Recognized**

Usegroups	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	10 A	18 A	10 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12

**cUL Recognized**

Usegroups	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	10 A	18 A	10 A
mm <sup>2</sup> /AWG/kcmil	28-12	28-12	28-12

**cULus Recognized**

## accessories

**End cover**

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accessories

D-STIO 2,5/3 - 3209112



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## Documentation

ST-IL - 3039900



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## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



# Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

## accessories

FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



FBS 2-5 BU - 3036877



# Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

## accessories

FBS 3-5 BU - 3036880



FBS 4-5 BU - 3036893



FBS 5-5 BU - 3036903



FBS 10-5 BU - 3036916



FBS 20-5 BU - 3036929



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## accessories

FBS 50-5 BU - 3032114



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FBS 2-5 GY - 3038969



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FBS 3-5 GY - 3038972



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FBS 4-5 GY - 3038985



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FBS 5-5 GY - 3038998



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### accessories

FBS 10-5 GY - 3039007



FBS 20-5 GY - 3038671



FBS 50-5 GY - 3032127



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681





## Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

### accessories

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



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



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



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



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



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## accessories

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



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NS 35/ 7,5 CAP - 1206560



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## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



# Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

## accessories

ZBF 5:UNBEDRUCKT - 0808642



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UC-TMF 5 - 0818153



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UCT-TMF 5 - 0828744



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## Labeled terminal marker

ZB 5 CUS - 0824962



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UC-TM 5 CUS - 0824581



## Sensor/actuator terminal block - STIO 2,5/3-2B/L-LA24GN/O-M - 3209031

### accessories

UCT-TM 5 CUS - 0829595



ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



### Drawings

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