

## Installation terminal block - STI 10 BU - 3038228

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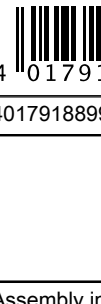
Installation terminal block, Spring-cage connection, cross section: 0.2 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 24 - 6, width: 10 mm, color: blue, mounting type: NS 35/7,5, NS 35/15

### Why buy this product

- Compatible with all Phoenix Contact installation terminal blocks
- Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- Compact design tailored to installation distributors

RoHS

### Key Commercial Data

Packing unit	25 STK
GTIN	 4 017918 899721
GTIN	4017918899721

### Technical data

#### General

Note	Assembly instructions: For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
Number of levels	1
Number of connections	2
Nominal cross section	10 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	57 A (with 16 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III

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## Technical data

### General

Insulating material group	I
Maximum power dissipation for nominal condition	1.82 W
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	57 A
Maximum load current	57 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	400 V
Open side panel	Yes

### Dimensions

Width	10 mm
Length	87 mm
Height NS 35/7,5	49 mm
Height NS 35/15	56.5 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
Connection method	Spring-cage connection
Stripping length	18 mm

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

## Drawings

# Installation terminal block - STI 10 BU - 3038228

Circuit diagram



## Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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## Approval details

EAC		EAC-Zulassung
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