

Installation terminal block - STI 16 - 3038257

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Installation terminal block, Spring-cage connection, cross section: 0.2 mm² - 25 mm², AWG: 24 - 4, width: 12 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ✓ 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 distribution boards



Key Commercial Data

Packing unit	25 pc
GTIN	 4 017918 899752
GTIN	4017918899752

Technical data

General

Note	Assembly instruction: In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips. The corresponding support brackets can be found at phoenixcontact.net/products
Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	76 A (with 25 mm ² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	2.43 W
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	76 A
Maximum load current	76 A (with 25 mm ² conductor cross section)
Nominal voltage U_N	400 V
Open side panel	Yes

Dimensions

Width	12 mm
Length	95 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 ²
Conductor cross section solid max.	25 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 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.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Connection method	Spring-cage connection
Stripping length	18 mm
Internal cylindrical gage	A7

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 16 - 3038257

Circuit diagram



Approvals

Approvals

Approvals

EAC / EAC / EAC

Ex Approvals

Approval details

EAC	EAC	EAC-Zulassung
EAC	EAC	RU C- DE.A*30.B.01742
EAC	EAC	RU C- DE.BL08.B.00644

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