

## N disconnect terminal block - STN 16 - 3038286

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N disconnect terminal block, Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG: 24 - 4, Width: 12 mm, Color: blue, Mounting type: NS 35/15, NS 35/7,5

### Why buy this product

- The N disconnect slides are located in the same position on all Phoenix Contact screw and spring-cage installation terminal blocks

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 899783
GTIN	4017918899783
Weight per Piece (excluding packing)	43.280 g
Custom tariff number	85369010
Country of origin	Romania

### 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	16 mm <sup>2</sup>
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

## N disconnect terminal block - STN 16 - 3038286

### Technical data

#### General

Maximum load current	76 A (with 25 mm <sup>2</sup> conductor cross section)
Current carrying capacity of the neutral busbar	140 A
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	76 A
Maximum load current	76 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	400 V
Open side panel	Yes

#### Dimensions

Width	12 mm
Length	95 mm
Height NS 35/7,5	50 mm
Height NS 35/15	57.5 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 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.	16 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.	4 mm <sup>2</sup>
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
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## Technical data

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## Drawings

### Circuit diagram



## Classifications

### eCl@ss

eCl@ss 4.0	27141125
eCl@ss 4.1	27141125
eCl@ss 5.0	27141125
eCl@ss 5.1	27141125
eCl@ss 6.0	27141125
eCl@ss 7.0	27141125
eCl@ss 8.0	27141138
eCl@ss 9.0	27141138

### ETIM

ETIM 2.0	EC001329
ETIM 3.0	EC001329
ETIM 4.0	EC001329
ETIM 5.0	EC001257
ETIM 6.0	EC001257

### UNSPSC

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

## N disconnect terminal block - STN 16 - 3038286

### 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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### Accessories

Accessories

Cover profile

Cover profile - AP-NLS - 5037133



Cover profile, Length: 1000 mm, Color: transparent

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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

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### Accessories

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

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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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

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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

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## N disconnect terminal block - STN 16 - 3038286

### Accessories

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

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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

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



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

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### Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



### End block

End clamp - E/AL-NS 35 - 1201662



End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

## N disconnect terminal block - STN 16 - 3038286

### Accessories

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#### End cover

End cover - D-STI 10/16 - 3038309



End cover, Length: 89.5 mm, Width: 2 mm, Height: 49 mm, Color: gray

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#### Jumper

Plug-in bridge - FBS 2-12 - 3005950



Plug-in bridge, Pitch: 12 mm, Number of positions: 2, Color: red

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#### Labeled terminal marker

Zack Marker strip, flat - ZBF 12 CUS - 0825018



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: 12 mm, Lettering field: 5.15 x 12.15 mm

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Marker for terminal blocks - UC-TMF 12 CUS - 0824670



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: 12 mm, Lettering field: 11.45 x 5.1 mm

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## N disconnect terminal block - STN 16 - 3038286

### Accessories

Marker for terminal blocks - UCT-TMF 12 CUS - 0829686



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: 12 mm, Lettering field: 11.2 x 4.7 mm

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### Neutral conductor rail

Neutral busbar - NLS-CU 3/10 SN 1000MM - 0402174



PEN conductor busbar, 3mm x 10 mm, length: 1000 mm

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### Screwdriver tools

Screwdriver - SZF 3-1,0X5,5 - 1206612



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

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### Support

Support bracket - AB-STI 16/10 - 3037669



Support bracket, Bracket for busbars, set every 20 cm, Pitch: 200 mm, Length: 95 mm, Width: 2 mm, Height: 49 mm, Number of positions: 1, Color: blue



## N disconnect terminal block - STN 16 - 3038286

### Accessories

Support bracket - AB-STI 16/10 - 3037669



Support bracket, Bracket for busbars, set every 20 cm, Pitch: 200 mm, Length: 95 mm, Width: 2 mm, Height: 49 mm, Number of positions: 1, Color: blue

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### Terminal marking

Zack Marker strip, flat - ZBF 12:UNBEDRUCKT - 0809735



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: 12 mm, Lettering field: 5.15 x 12.15 mm

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Marker for terminal blocks - UC-TMF 12 - 0819233



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: 12 mm, Lettering field: 11.45 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 12 - 0829214



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: 12 mm, Lettering field: 11.2 x 4.7 mm

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### Additional products

Connection terminal block - AKG 16 BU - 0423014



Connection terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 9.8 mm, Color: blue

## N disconnect terminal block - STN 16 - 3038286

### Accessories

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Connection terminal block - AKG 35 BU - 0424013



Connection terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, Width: 14.3 mm, Color: blue

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Branch terminal - IAK 16 - 2715982



Branch terminal, Connection method Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 7.7 mm, Color: gray

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Branch terminal - IAK 16 - 2715982



Branch terminal, Connection method Screw connection, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 7.7 mm, Color: gray

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