

## Installation level terminal block - STI 16 - 3038257

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Installation level 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: gray, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- 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



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 36.08 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Romania   |

### Technical data

#### General

|   |  |
|---|--|
| Number of levels                        | 1  |
| Number of connections                   | 2  |
| Color                                   | gray   |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |
| Maximum load current                    | 76 A (with 25 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage                     | 6 kV   |
| Pollution degree                        | 3  |
| Surge voltage category                  | III  |
| Insulating material group               | I  |
| Connection in acc. with standard        | IEC 60947-7-1  |

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### Technical data

#### General

|                       |       |
|-----------------------|-------|
| Nominal current $I_N$ | 76 A  |
| Nominal voltage $U_N$ | 400 V |
| Open side panel       | ja    |

#### 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 <sup>2</sup>    |
| Conductor cross section solid max.  | 25 mm <sup>2</sup>     |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>    |
| Conductor cross section stranded max.   | 16 mm <sup>2</sup>     |
| Conductor cross section AWG/kcmil min.  | 24                     |
| Conductor cross section AWG/kcmil max   | 4                      |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>     |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>   |
| Conductor cross section stranded, 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                     |

### 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 | 27141125 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001329 |
| ETIM 3.0 | EC001329 |
| ETIM 4.0 | EC001329 |
| ETIM 5.0 | EC001329 |

### UNSPSC

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

## Approvals

### Approvals

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### Approvals

### GOST / GOST

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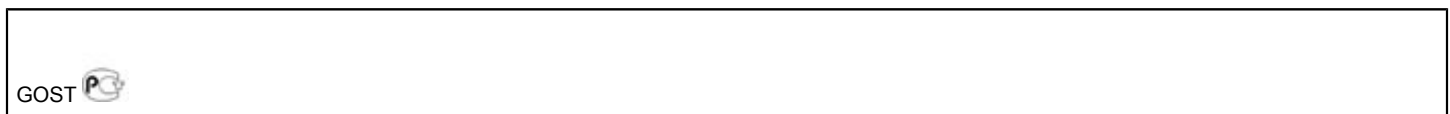
### Ex Approvals

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### Approvals submitted

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## Approval details



## Accessories

### Accessories

## Installation level terminal block - STI 16 - 3038257

### Accessories

#### Bridge

Plug-in bridge - FBS 2-12 - 3005950



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

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#### Documentation

Mounting material - ST-IL - 3039900

Operating decal for the ST terminal block



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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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#### Labeled terminal marker

Warning cover - WST 10/35 - 3030006

Warning cover, 5-pos., for terminal widths of 10.2 mm, 12.2 mm, and 16 mm



## Installation level terminal block - STI 16 - 3038257

### Accessories

Zack marker strip - ZB 10 CUS - 0824941



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

Marker for terminal blocks - UC-TM 10 CUS - 0824605



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: 10.2 mm, Lettering field: 9.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 10 CUS - 0829623



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: 10.2 mm, Lettering field: 8.9 x 9.6 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

## Installation level terminal block - STI 16 - 3038257

### Accessories

DIN rail - 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 - 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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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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## Installation level terminal block - STI 16 - 3038257

### 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

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



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

### Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

### Terminal marking

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 10.2 mm, Lettering field: 10.5 x 10.15 mm

Marker for terminal blocks - UC-TM 10 - 0818069



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: 10.2 mm, Lettering field: 9.6 x 10.5 mm

## Installation level terminal block - STI 16 - 3038257

### Accessories

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#### Marker for terminal blocks - UCT-TM 10 - 0829142



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: 10.2 mm, Lettering field: 8.9 x 9.6 mm

#### Test plug terminal block

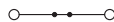
##### Test adapter - PS-4/E - 3036709



Test adapter, Color: red

### Drawings

#### Circuit diagram







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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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