

Disconnect terminal block - ST 2,5-TG - 3038435

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Disconnect terminal block, Connection type: Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 60.5 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Product Features

☒ Tested for railway applications



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 7.572 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|--|------------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 2.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Mechanical engineering |
| | Plant engineering |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |

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Technical data

General

| | |
|----------------------------------|---|
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I_N | 20 A (current is determined by the plug used) |
| Maximum load current | 20 A (with 4 mm ² conductor cross section) |
| Nominal voltage U_N | 400 V (voltage is determined by the plug used) |
| Open side panel | ja |

Dimensions

| | |
|------------------|---------|
| Width | 5.2 mm |
| Length | 60.5 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15 | 44 mm |

Connection data

| | |
|---|------------------------|
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 12 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Connection method | Spring-cage connection |
| Minimum stripping length | 8 mm |
| Maximum stripping length | 10 mm |
| Internal cylindrical gage | A3 |

Standards and Regulations

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

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141117 |
| eCl@ss 4.1 | 27141117 |
| eCl@ss 5.0 | 27141126 |
| eCl@ss 5.1 | 27141126 |
| eCl@ss 6.0 | 27141126 |
| eCl@ss 7.0 | 27141126 |
| eCl@ss 8.0 | 27141126 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000903 |
| ETIM 3.0 | EC000903 |
| ETIM 4.0 | EC000902 |
| ETIM 5.0 | EC000902 |

UNSPSC

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized


Ex Approvals


Approvals submitted


Approval details

Disconnect terminal block - ST 2,5-TG - 3038435

Approvals


| CSA  | | | |
|---|-------|-------|-------|
| | B | C | D |
| mm²/AWG/kcmil | 28-12 | 28-12 | 28-12 |
| Nominal current I _N | 16 A | 16 A | 10 A |
| Nominal voltage U _N | 300 V | 150 V | 300 V |

| UL Recognized  | | |
|---|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 16 A | 16 A |
| Nominal voltage U _N | 300 V | 300 V |

| cUL Recognized  | | |
|--|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 28-12 | 28-12 |
| Nominal current I _N | 16 A | 16 A |
| Nominal voltage U _N | 300 V | 300 V |

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| EAC |
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| EAC |
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| cULus Recognized  |
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Drawings

Circuit diagram



