# Feed-through terminal block - ST 10 OG - 3036111

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Feed-through terminal block, nom. voltage: 1000 V, nominal current: 57 A, connection method: Spring-cage connection, number of connections: 2, cross section: 0.2 mm² - 16 mm², AWG: 24 - 6, width: 10.2 mm, color: orange, mounting type: NS 35/7,5, NS 35/15

## Your advantages

- The double bridge shaft not only enables individual chain bridging, but also reducing bridging to spring-cage terminal blocks with smaller cross sections
- The flexible options for reducing bridging in the CLIPLINE complete system can be found in "Accessories for the CLIPLINE complete modular terminal block system"
- Tested for railway applications

## Key Commercial Data

| | |
|---|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN | 4 055626 318592 |
| GTIN | 4055626318592 |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Potentials | 1 |
| Nominal cross section | 10 mm² |
| Color | orange |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Railway industry |
| | Machine building |
| | Plant engineering |
| | Process industry |

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## Technical data

### General

| | |
|---|---|
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 1.82 W |
| Designation | Level 1 above 1 below 1 |
| Maximum load current | 65 A (with 16 mm² conductor cross section) |
| Nominal current $I_N$ | 57 A |
| Nominal voltage $U_N$ | 1000 V |
| Open side panel | Yes |

### Dimensions

| | |
|---|---|
| Width | 10.2 mm |
| End cover width | 2.2 mm |
| Length | 71.5 mm |
| Height NS 35/7,5 | 50.3 mm |
| Height NS 35/15 | 57.8 mm |

### Connection data

| | |
|---|---|
| Connection | 1 level |
| Connection method | Spring-cage connection |
| Stripping length | 18 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 16 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 6 |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 10 mm² |
| Min. AWG conductor cross section, flexible | 24 |
| Max. AWG conductor cross section, flexible | 8 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 10 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |
| Connection in acc. with standard | IEC/EN 60079-7 |
| Conductor cross section solid min. | 1.5 mm² |
| Conductor cross section solid max. | 16 mm² |

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## Technical data

### Connection data

| | |
|---|---|
| Conductor cross section AWG min. | 16 |
| Conductor cross section AWG max. | 6 |
| Conductor cross section flexible min. | 1.5 mm² |
| Conductor cross section flexible max. | 10 mm² |
| Internal cylindrical gage | A6 |

### 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

Circuit diagram

## Approvals

### Approvals

Approvals

DNV GL / CSA / PRS / BV / LR / KR / NK / UL Recognized / cUL Recognized / EAC / RS / cULus Recognized

Ex Approvals

IECEx / ATEX / EAC Ex

### Approval details

| | | | |
|---|---|---|---|
| DNV GL | | https://approvalfinder.dnvgl.com/ | TAE00001CS |

# Feed-through terminal block - ST 10 OG - 3036111

## Approvals

| | | | |
|---|---|---|---|
| CSA | | http://www.csagroup.org/services-industries/product-listing/ | 13631 |

| | B | C |
|---|---|---|
| Nominal voltage UN | 600 V | 600 V |
| Nominal current IN | 65 A | 65 A |
| mm²/AWG/kcmil | 16-6 | 16-6 |

| | | | |
|---|---|---|---|
| PRS | | http://www.prs.pl/ | TE/2156/880590/17 |

| | | | |
|---|---|---|---|
| BV | | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 13403/D0 BV |

| | | | |
|---|---|---|---|
| LR | | http://www.lr.org/en | 04/20034 |

| | | | |
|---|---|---|---|
| KR | | http://www.krs.co.kr/eng/main/main.aspx | HMB17372-EL002 |

| | | | |
|---|---|---|---|
| NK | | http://www.classnk.or.jp/hp/en/ | 09 ME 140 |

| | | | |
|---|---|---|---|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |

| | B | C |
|---|---|---|
| Nominal voltage UN | 600 V | 600 V |
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## Approvals

| | B | C |
|---|---|---|
| mm²/AWG/kcmil | 16-6 | 16-6 |

| | | |
|---|---|---|
| EAC | | RU C-DE.A*30.B.01742 |

| | | | |
|---|---|---|---|
| RS | | http://www.rs-head.spb.ru/en/index.php | 17.00013.272 |

| | |
|---|---|
| cULus Recognized | |



PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com