

## Feed-through terminal block - PT 4 OG - 3211758

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: orange, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the version in gray

### Why buy this product

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- Tested for railway applications



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 STK                                                                                                  |
| GTIN                                 | <br>4 046356 731348 |
| Weight per Piece (excluding packing) | 8.8 g                                                                                                   |
| Weight per piece (including packing) | 8.837 g                                                                                                 |
| Country of origin                    | Turkey                                                                                                  |

### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 2                 |
| Potentials                             | 1                 |
| Nominal cross section                  | 4 mm <sup>2</sup> |
| Color                                  | orange            |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Area of application                    | Railway industry  |

# Feed-through terminal block - PT 4 OG - 3211758

## Technical data

### General

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
|                                | Machine building                                      |
|                                | Plant engineering                                     |
|                                | Process industry                                      |
| Rated surge voltage            | 8 kV                                                  |
| Degree of pollution            | 3                                                     |
| Overvoltage category           | III                                                   |
| Insulating material group      | I                                                     |
| Maximum load current           | 36 A (with 6 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub> | 32 A                                                  |
| Nominal voltage U <sub>N</sub> | 800 V                                                 |
| Open side panel                | Yes                                                   |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 6.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 56 mm   |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15  | 44 mm   |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method                                                                       | Push-in connection   |
| Connection in acc. with standard                                                        | IEC 60947-7-1        |
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 24                   |
| Conductor cross section AWG max.                                                        | 10                   |
| Conductor cross section flexible min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                                   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, flexible                                              | 24                   |
| Max. AWG conductor cross section, flexible                                              | 12                   |
| 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.              | 4 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.                 | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |
| Stripping length                                                                        | 10 mm ... 12 mm      |
| Internal cylindrical gage                                                               | A4                   |

### Standards and Regulations

|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CSA |
|----------------------------------|-----|

# Feed-through terminal block - PT 4 OG - 3211758

## Technical data

### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
|                                        | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0            |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141121 |
| eCl@ss 4.1 | 27141121 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |
| eCl@ss 9.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

CSA / LR / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / UL Recognized / cUL Recognized / EAC / BV / NK / cULus Recognized

#### Ex Approvals

ATEX / EAC Ex

#### Approvals submitted

## Feed-through terminal block - PT 4 OG - 3211758

### Approvals

#### Approval details

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
|                                                                                       | B     | C     |
| mm²/AWG/kcmil                                                                         | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>                                                        | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                        | 600 V | 600 V |

|    |
|----|
| LR |
|----|

| VDE Gutachten mit Fertigungsüberwachung  |         |
|---------------------------------------------------------------------------------------------------------------------------|---------|
|                                                                                                                           |         |
| mm²/AWG/kcmil                                                                                                             | 0.2-4.0 |
| Nominal current I <sub>N</sub>                                                                                            | 32 A    |
| Nominal voltage U <sub>N</sub>                                                                                            | 800 V   |

| IECEE CB Scheme  |       |
|-----------------------------------------------------------------------------------------------------|-------|
|                                                                                                     |       |
| mm²/AWG/kcmil                                                                                       | 0.2-4 |
| Nominal current I <sub>N</sub>                                                                      | 32 A  |
| Nominal voltage U <sub>N</sub>                                                                      | 800 V |

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                   | B     | C     |
| mm²/AWG/kcmil                                                                                     | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>                                                                    | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 600 V | 600 V |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | C     |
| mm²/AWG/kcmil                                                                                      | 24-10 | 24-10 |
| Nominal current I <sub>N</sub>                                                                     | 30 A  | 30 A  |

## Feed-through terminal block - PT 4 OG - 3211758

### Approvals

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

EAC

BV

NK

cULus Recognized 

### Drawings

Circuit diagram



Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

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



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331