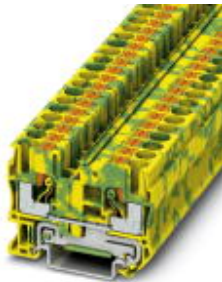


## Ground modular terminal block - PT 6-PE - 3211822

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Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 8.2 mm, Height: 42.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

### Product Features

- ✓ 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                         | 1 pc     |
| Weight per Piece (excluding packing) | 21.6 g   |
| Custom tariff number                 | 85369010 |
| Country of origin                    | China    |

### Technical data

#### General

|                                        |                        |
|----------------------------------------|------------------------|
| Number of levels                       | 1                      |
| Number of connections                  | 2                      |
| Nominal cross section                  | 6 mm <sup>2</sup>      |
| Color                                  | green-yellow           |
| Insulating material                    | PA                     |
| Flammability rating according to UL 94 | V0                     |
| Area of application                    | Railway industry       |
|                                        | Mechanical engineering |

# Ground modular terminal block - PT 6-PE - 3211822

## Technical data

### General

|                                                                         |                                                |
|-------------------------------------------------------------------------|------------------------------------------------|
|                                                                         | Plant engineering                              |
| Rated surge voltage                                                     | 8 kV                                           |
| Pollution degree                                                        | 3                                              |
| Overvoltage category                                                    | III                                            |
| Insulating material group                                               | I                                              |
| Connection in acc. with standard                                        | IEC 60947-7-2                                  |
| Open side panel                                                         | ja                                             |
| Shock protection test specification                                     | DIN EN 50274 (VDE 0660-514):2002-11            |
| Back of the hand protection                                             | guaranteed                                     |
| Finger protection                                                       | guaranteed                                     |
| Oscillation, broadband noise test result                                | Test passed                                    |
| Test specification, oscillation, broadband noise                        | DIN EN 50155 (VDE 0115-200):2008-03            |
| Test spectrum                                                           | Service life test category 2, bogie mounted    |
| Test frequency                                                          | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level                                                               | $6.12 \text{ (m/s}^2\text{)}^2/\text{Hz}$      |
| Acceleration                                                            | 3.12 g                                         |
| Test duration per axis                                                  | 5 h                                            |
| Test directions                                                         | X-, Y- and Z-axis                              |
| Shock test result                                                       | Test passed                                    |
| Test specification, shock test                                          | DIN EN 50155 (VDE 0115-200):2008-03            |
| Shock form                                                              | Half-sine                                      |
| Acceleration                                                            | 30g                                            |
| Shock duration                                                          | 18 ms                                          |
| Number of shocks per direction                                          | 3                                              |
| Test directions                                                         | X-, Y- and Z-axis (pos. and neg.)              |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C                                         |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C                                         |
| Static insulating material application in cold                          | -60 °C                                         |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 8.2 mm  |
| End cover width  | 2.2 mm  |
| Length           | 57.7 mm |
| Height           | 42.2 mm |
| Height NS 35/7,5 | 43.5 mm |
| Height NS 35/15  | 51 mm   |

### Connection data

## Ground modular terminal block - PT 6-PE - 3211822

### Technical data

#### Connection data

|                                                                                         |                                                                |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Note                                                                                    | Please observe the current carrying capacity of the DIN rails. |
| Connection method                                                                       | Push-in connection                                             |
| Connection in acc. with standard                                                        | IEC 60947-7-2                                                  |
| Conductor cross section solid min.                                                      | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section solid max.                                                      | 10 mm <sup>2</sup>                                             |
| Conductor cross section AWG min.                                                        | 20                                                             |
| Conductor cross section AWG max.                                                        | 8                                                              |
| Conductor cross section flexible min.                                                   | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible max.                                                   | 6 mm <sup>2</sup>                                              |
| Min. AWG conductor cross section, flexible                                              | 20                                                             |
| Max. AWG conductor cross section, flexible                                              | 10                                                             |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>                                              |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup>                                            |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 6 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. | 1.5 mm <sup>2</sup>                                            |
| Stripping length                                                                        | 12 mm                                                          |
| Internal cylindrical gage                                                               | A5                                                             |

#### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | CSA           |
|                                        | IEC 60947-7-2 |
| Flammability rating according to UL 94 | V0            |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |
| eCl@ss 9.0 | 27141141 |

## Ground modular terminal block - PT 6-PE - 3211822

### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

#### UNSPSC

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

### Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / LR / GL / CSA / IECEx CB Scheme / NK / BV / NK / EAC / EAC / ABS / cULus Recognized

#### Ex Approvals

IECEx / ATEX / EAC Ex

#### Approvals submitted

### Approval details

|                                                                                                   |      |      |
|---------------------------------------------------------------------------------------------------|------|------|
| UL Recognized  |      |      |
|                                                                                                   | B    | C    |
| mm²/AWG/kcmil                                                                                     | 20-8 | 20-8 |

## Ground modular terminal block - PT 6-PE - 3211822

### Approvals

|                                                                                                  |      |      |
|--------------------------------------------------------------------------------------------------|------|------|
| cUL Recognized  |      |      |
|                                                                                                  | B    | C    |
| mm²/AWG/kcmil                                                                                    | 20-8 | 20-8 |

|                                                                                                          |       |
|----------------------------------------------------------------------------------------------------------|-------|
| VDE Zeichengenehmigung  |       |
|                                                                                                          |       |
| mm²/AWG/kcmil                                                                                            | 0.5-6 |

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

|    |
|----|
| GL |
|----|

|                                                                                         |      |
|-----------------------------------------------------------------------------------------|------|
| CSA  |      |
|                                                                                         |      |
| mm²/AWG/kcmil                                                                           | 20-8 |

|                                                                                                     |   |
|-----------------------------------------------------------------------------------------------------|---|
| IECEE CB Scheme  |   |
|                                                                                                     |   |
| mm²/AWG/kcmil                                                                                       | 6 |

|    |
|----|
| NK |
|----|

|    |
|----|
| BV |
|----|

|    |
|----|
| NK |
|----|

|     |
|-----|
| EAC |
|-----|

|     |
|-----|
| EAC |
|-----|

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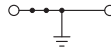
### Approvals

ABS

cULus Recognized  US

### Drawings

Circuit diagram



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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