

## PT 1,5/ 2-PH-5,0 GY - 1708166

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PCB connector, nominal current: 8 A, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: gray, contact surface: Tin



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ High terminal block capacity thanks to rectangular terminal block space
- ✓ Allows connection of two conductors
- ✓ The latching on the side enables various numbers of positions to be combined



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 250 pc                                                                               |
| GTIN         |  |
| GTIN         | 4046356980913                                                                        |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 12.2 mm  |
| Width [ w ]  | 10 mm    |
| Height [ h ] | 13.15 mm |
| Pitch        | 5 mm     |
| Dimension a  | 5 mm     |

#### General

|                       |                                      |
|-----------------------|--------------------------------------|
| Range of articles     | PT 1,5/...-PH                        |
| Number of positions   | 2                                    |
| Connection method     | Screw connection with tension sleeve |
| Rated voltage (III/3) | 160 V                                |

# PT 1,5/ 2-PH-5,0 GY - 1708166

## Technical data

### General

|                                  |                     |
|----------------------------------|---------------------|
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 8 A                 |
| Nominal cross section            | 1.5 mm <sup>2</sup> |

### Connection data

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                   | 1.5 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. | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG min.                                        | 26                   |
| Conductor cross section AWG max.                                        | 16                   |
| 2 conductors with same cross section, solid min.                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                        | 0.34 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                     | 0.5 mm <sup>2</sup>  |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

#### Approvals

CSA / IEC CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

# PT 1,5/ 2-PH-5,0 GY - 1708166

## Approvals

|                    |                                                                                   |                                                                                                                                         |       |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | D                                                                                 | B                                                                                                                                       |       |
| Nominal voltage UN | 300 V                                                                             | 300 V                                                                                                                                   |       |
| Nominal current IN | 5 A                                                                               | 5 A                                                                                                                                     |       |
| mm²/AWG/kcmil      | 26-14                                                                             | 26-14                                                                                                                                   |       |

|                    |                                                                                   |                                                           |           |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|-----------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58170 |
| Nominal voltage UN | 320 V                                                                             |                                                           |           |
| Nominal current IN | 10 A                                                                              |                                                           |           |
| mm²/AWG/kcmil      | 0.2-1.5                                                                           |                                                           |           |

|                        |                                                                                     |                                                                                                                                                                                                           |          |
|------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40044443 |
| Nominal voltage UN     | 320 V                                                                               |                                                                                                                                                                                                           |          |
| Nominal current IN     | 10 A                                                                                |                                                                                                                                                                                                           |          |
| mm²/AWG/kcmil          | 0.2-1.5                                                                             |                                                                                                                                                                                                           |          |

|     |                                                                                     |  |         |
|-----|-------------------------------------------------------------------------------------|--|---------|
| EAC |  |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|--|---------|

|                    |                                                                                     |                                                                                                                                                       |                 |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20030211 |
|                    | D                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 10 A                                                                                | 10 A                                                                                                                                                  |                 |
| mm²/AWG/kcmil      | 28-14                                                                               | 28-14                                                                                                                                                 |                 |

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