

## Printed-circuit board connector - MC 1,5/ 4-ST-3,81 BD: 01-04 Q - 1872061

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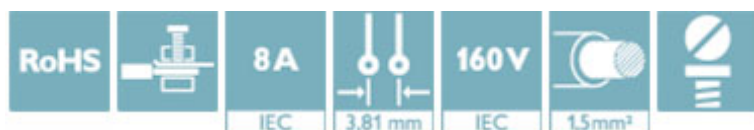
PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 4, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



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
- ✓ Allows connection of two conductors



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                                   |
| GTIN         | <br>4 055626 134277 |
| GTIN         | 4055626134277                                                                                           |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 16.1 mm  |
| Width [ w ]  | 16.03 mm |
| Height [ h ] | 11.1 mm  |
| Pitch        | 3.81 mm  |
| Dimension a  | 11.43 mm |

#### General

|                           |                                      |
|---------------------------|--------------------------------------|
| Range of articles         | MC 1,5/...-ST                        |
| Number of positions       | 4                                    |
| Connection method         | Screw connection with tension sleeve |
| Insulating material group | I                                    |

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## Technical data

### General

|                                        |                     |
|----------------------------------------|---------------------|
| Rated voltage (III/2)                  | 160 V               |
| Nominal current I <sub>N</sub>         | 8 A                 |
| Nominal cross section                  | 1.5 mm <sup>2</sup> |
| Flammability rating according to UL 94 | V0                  |

### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### 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 / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                                |                                                                                     |                                                                                                                                         |       |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| 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 U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                   |       |
| Nominal current I <sub>N</sub> | 8 A                                                                                 | 8 A                                                                                                                                     |       |
| mm <sup>2</sup> /AWG/kcmil     | 28-16                                                                               | 28-16                                                                                                                                   |       |

|                                |                                                                                     |                                                           |                |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60987-B1B2 |
| Nominal voltage U <sub>N</sub> | 160 V                                                                               |                                                           |                |
| Nominal current I <sub>N</sub> | 8 A                                                                                 |                                                           |                |

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## Approvals

|               |         |
|---------------|---------|
|               |         |
| mm²/AWG/kcmil | 0.2-1.5 |

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40011723 |
| Nominal voltage UN                         | 160 V                                                                             |                                                                                                                                                                                                                |          |
| Nominal current IN                         | 8 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> | E60425-20110128 |
|                    | D                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 8 A                                                                                 | 8 A                                                                                                                                                   |                 |
| mm²/AWG/kcmil      | 30-14                                                                               | 30-14                                                                                                                                                 |                 |

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