

RWV 5 - Bolt connection terminal block



3073746

<https://www.phoenixcontact.com/us/products/3073746>

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 documentation. Our general terms of use for downloads are valid.

Panel feed-through terminal block, number of positions: 1, width: 16.3 mm



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 3073746 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AA28 |
| Product key | AA1DHB |
| GTIN | 4046356368551 |
| Weight per piece (including packing) | 47.65 g |
| Weight per piece (excluding packing) | 47.65 g |
| Customs tariff number | 85369010 |
| Country of origin | CN |

RWV 5 - Bolt connection terminal block

3073746

<https://www.phoenixcontact.com/us/products/3073746>

Technical data

Product properties

| | |
|-----------------------|-----------------------------------|
| Product type | Panel feed-through terminal block |
| Product family | RWV 5 |
| Number of positions | 1 |
| Pitch | 16.3 mm |
| Number of connections | 2 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

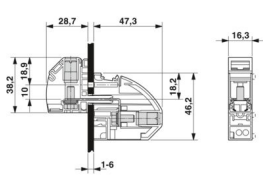
Electrical properties

| | |
|-----------------------|--------|
| Rated surge voltage | 8 kV |
| rated voltage (II/2) | 1000 V |
| rated voltage (III/2) | 1000 V |
| Rated voltage (III/3) | 1000 V |

Material specifications

| | |
|---|--------|
| Color | gray |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |
| Contact surface | Tin Sn |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 16.3 mm |
| Pitch | 16.3 mm |
| Plate thickness | 1 mm ... 6 mm |

External dimensions

| | |
|-----------------|---------|
| Height_external | 46.2 mm |
|-----------------|---------|

RWV 5 - Bolt connection terminal block



3073746

<https://www.phoenixcontact.com/us/products/3073746>

| | |
|---------------------|---------|
| Length_external | 47.3 mm |
| Internal dimensions | |
| Width_inside | 16.3 mm |
| Height_inside | 38.2 mm |
| Length_inside | 28.7 mm |

Mechanical tests

Mechanical strength

| | |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

Electrical tests

Surge voltage test

| | |
|-----------------------|-------------|
| Test voltage setpoint | 9.8 kV |
| Result | Test passed |

Temperature-rise test

| | |
|---|-------------------------------------|
| Requirement temperature-rise test | Increase in temperature ≤ 45 K |
| Result | Test passed |
| Short-time withstand current 16 mm ² | 1.92 kA |
| Result | Test passed |

Power-frequency withstand voltage

| | |
|-----------------------|-------------|
| Test voltage setpoint | 2.2 kV |
| Result | Test passed |

Environmental and real-life conditions

Needle-flame test

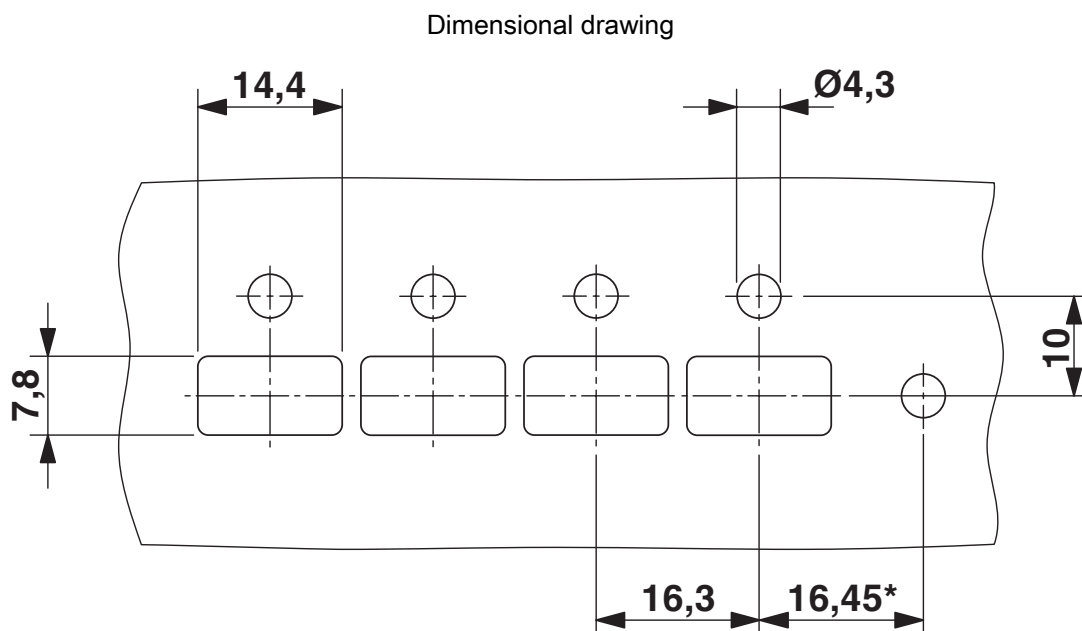
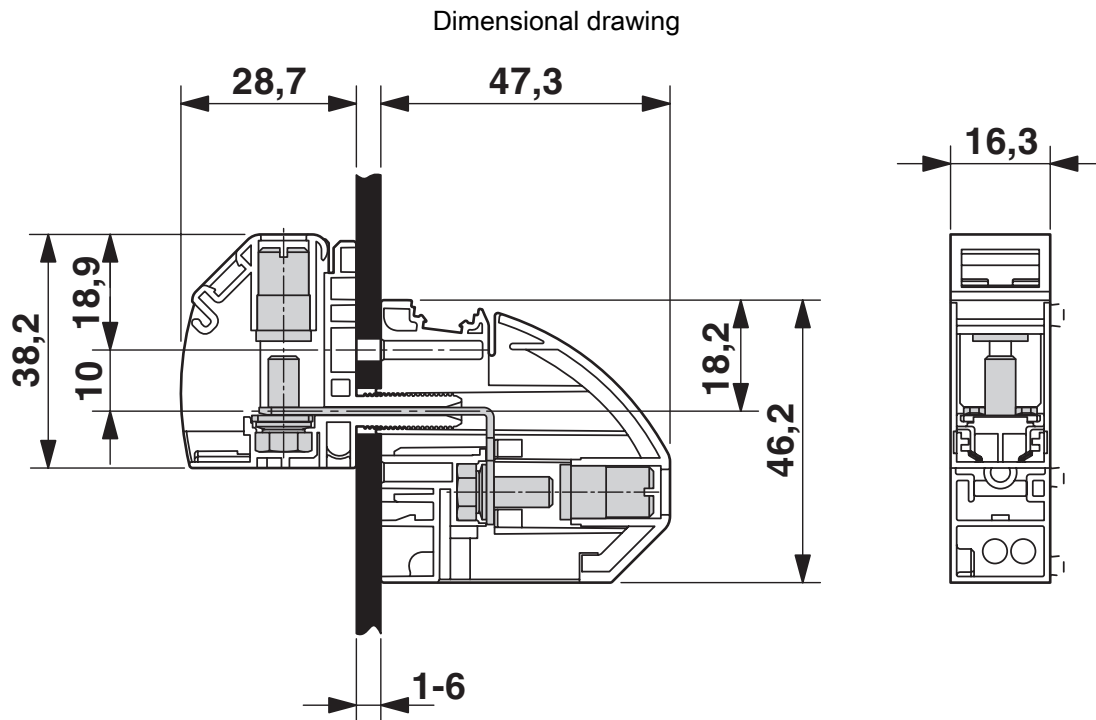
| | |
|------------------|-------------|
| Time of exposure | 30 s |
| Result | Test passed |

RWV 5 - Bolt connection terminal block

3073746

<https://www.phoenixcontact.com/us/products/3073746>

Drawings



* Only when using the RW...-F flange plate

RWV 5 - Bolt connection terminal block




3073746

<https://www.phoenixcontact.com/us/products/3073746>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3073746>

|  UL Recognized Approval ID: E60425-20100319 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 600 V | 65 A | - | - |
| C | 600 V | 65 A | - | - |

RWV 5 - Bolt connection terminal block



3073746

<https://www.phoenixcontact.com/us/products/3073746>

Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121410 |
|-------------|----------|

RWV 5 - Bolt connection terminal block



3073746

<https://www.phoenixcontact.com/us/products/3073746>

Environmental product compliance

EU RoHS

| | |
|---|--------------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(a), 6(a)-I |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com