

## Test terminal strip - RSCWE 6-3/17 - 3969956

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>)



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Ring cable lug, number of connections: 34, number of positions: 17, width: 171.2 mm, height: 70.1 mm, color: gray, mounting type: Wall mounting

The figure shows a version of the article

### Your advantages

- ✓ Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- ✓ Space saving, thanks to compact, modular test terminal strips
- ✓ The integrated, robust switch contact is designed for the most stringent demands, and the use of high-quality materials ensures the transmission of signal currents, even after multiple actuations
- ✓ Maximum safety with leading and automatic transformer short circuit



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 055626 394671 |
| GTIN         | 4055626394671                                                                                           |

### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Number of positions                    | 17                |
| Number of levels                       | 1                 |
| Number of connections                  | 34                |
| Potentials                             | 17                |
| Nominal cross section                  | 6 mm <sup>2</sup> |
| Color                                  | gray              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |
| Rated surge voltage                    | 4 kV              |
| Test surge voltage                     | 5 kV              |

# Test terminal strip - RSCWE 6-3/17 - 3969956

## Technical data

### General

|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Overvoltage category                            | III                                                    |
| Insulating material group                       | I                                                      |
| Maximum power dissipation for nominal condition | 1.31 W                                                 |
| Ambient temperature (operation)                 | -60 °C ... 100 °C                                      |
| Designation                                     | Level 1 above 1 below 1                                |
| Maximum load current                            | 30 A (with 10 mm <sup>2</sup> conductor cross section) |
| Current I <sub>th</sub>                         | 24 A                                                   |
| Nominal voltage U <sub>N</sub>                  | 400 V AC/DC                                            |
| Open side panel                                 | No                                                     |
| Terminal block mounting                         | 0.8 Nm ... 1 Nm                                        |

### Dimensions

|                 |               |
|-----------------|---------------|
| Width           | 171.2 mm      |
| Length          | 81 mm         |
| Height          | 70.1 mm       |
| Plate thickness | 1 mm ... 4 mm |
| Pitch           | 8.2 mm        |

### Connection data

|                                                     |                     |
|-----------------------------------------------------|---------------------|
| Connection                                          | 1 level             |
| Connection method                                   | Ring cable lug      |
| Screw thread                                        | No 8 UNC            |
| Stripping length                                    | 12 mm               |
| Tightening torque, min                              | 1.5 Nm              |
| Tightening torque max                               | 1.8 Nm              |
| Connection in acc. with standard                    | IEC 60947-7-1       |
| Conductor cross section flexible min.               | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max.               | 10 mm <sup>2</sup>  |
| Min. AWG conductor cross section, flexible          | 24                  |
| Max. AWG conductor cross section, flexible          | 8                   |
| 2 conductors with same cross section, solid min.    | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.    | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min. | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max. | 6 mm <sup>2</sup>   |
| Cable lug connection according to standard          | DIN 46234           |
| Min. cross section for cable lug connection         | 0.5 mm <sup>2</sup> |
| Max. cross section for cable lug connection         | 10 mm <sup>2</sup>  |
| Hole diameter, min.                                 | 4.3 mm              |
| Cable lug width, max.                               | 8 mm                |
| Bolt diameter                                       | 4.1 mm              |
| Cable lug connection according to standard          | DIN 46237           |
| Min. cross section for cable lug connection         | 0.5 mm <sup>2</sup> |

## Test terminal strip - RSCWE 6-3/17 - 3969956

### Technical data

#### Connection data

|                                             |                    |
|---------------------------------------------|--------------------|
| Max. cross section for cable lug connection | 10 mm <sup>2</sup> |
| Hole diameter, min.                         | 4.3 mm             |
| Cable lug width, max.                       | 8 mm               |
| Bolt diameter                               | 4.1 mm             |
| Internal cylindrical gage                   | A5                 |

#### Mounting

|                                               |               |
|-----------------------------------------------|---------------|
| Mounting type                                 | Wall mounting |
| Plate thickness                               | 1 mm ... 4 mm |
| Min. tightening torque of the mounting screw: | 0.8 Nm        |
| Max. tightening torque of the mounting screw: | 1 Nm          |

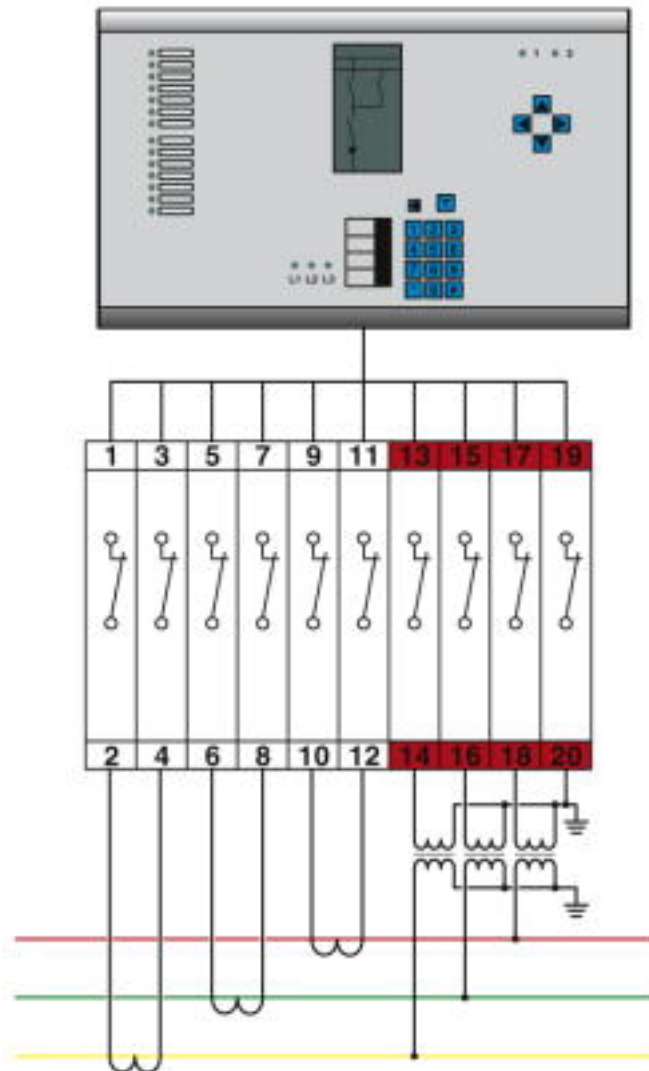
#### Standards and Regulations

|                                        |               |
|----------------------------------------|---------------|
| Connection in acc. with standard       | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0            |

### Drawings

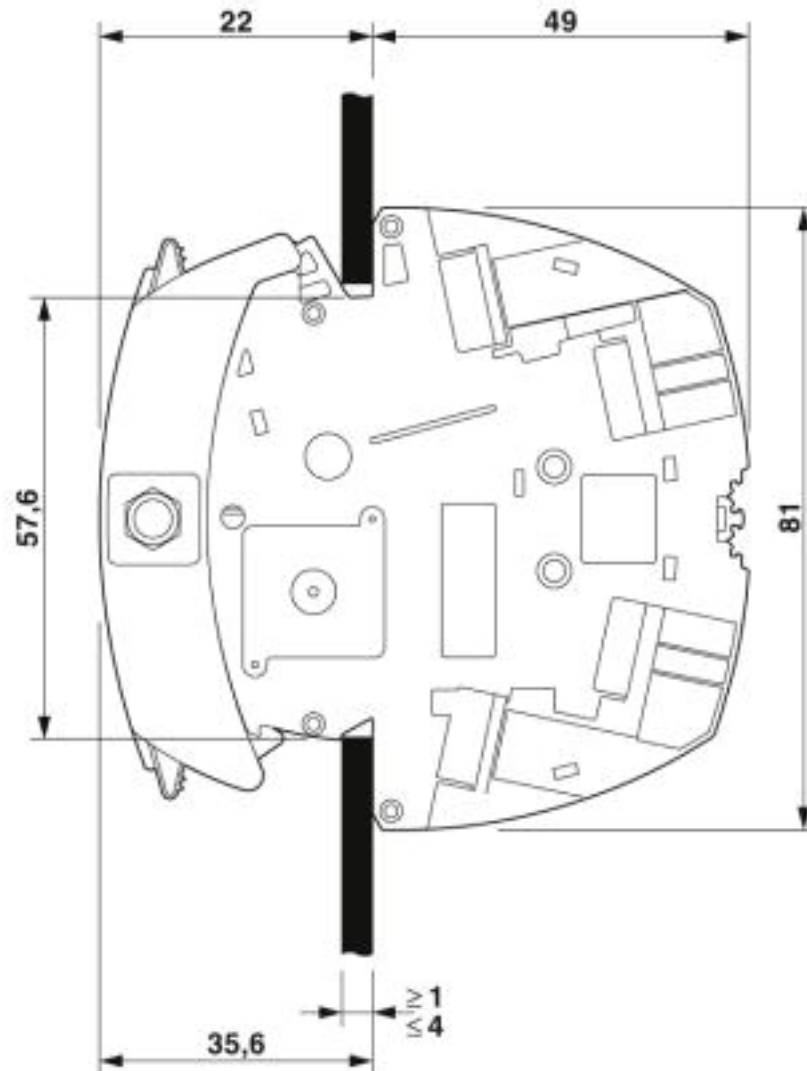
## Test terminal strip - RSCWE 6-3/17 - 3969956

Circuit diagram



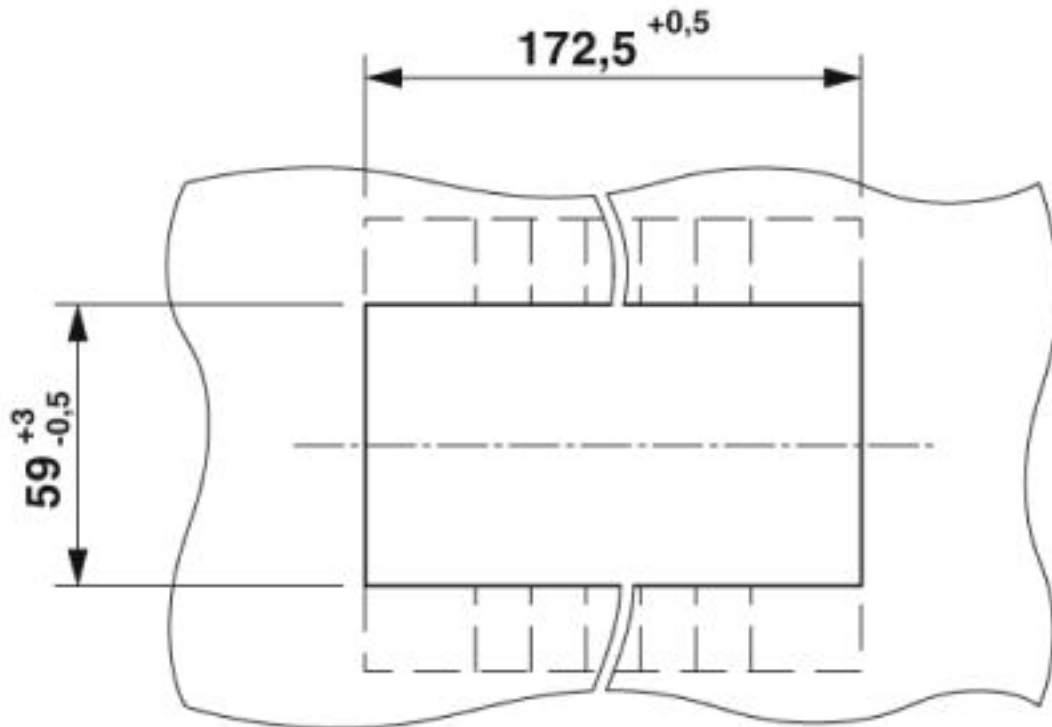
## Test terminal strip - RSCWE 6-3/17 - 3969956

Dimensional drawing



## Test terminal strip - RSCWE 6-3/17 - 3969956

Dimensional drawing



Phoenix Contact 2019 © - 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>