

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

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.



Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 6,3 x 32, nom. voltage: 24 V, nominal current: 10 A, connection method: Spring-cage connection, 1 level, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.08 mm<sup>2</sup>- 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

## Your advantages

- An extremely compact design
- Test pick-off on both sides in the fuse lever

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3038765       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 50 pc         |
| Sales key                            | BE02          |
| Product key                          | BE2134        |
| GTIN                                 | 4017918914219 |
| Weight per piece (including packing) | 26.683 g      |
| Weight per piece (excluding packing) | 26.683 g      |
| Customs tariff number                | 85369095      |
| Country of origin                    | TR            |

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

## Technical data

### Product properties

|                       |                     |
|-----------------------|---------------------|
| Product type          | Fuse terminal block |
| Number of connections | 2                   |
| Number of rows        | 1                   |
| Potentials            | 1                   |

### Insulation characteristics

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

### Electrical properties

|                                                 |                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Fuse type                                       | Glass / ceramics / ...                                                                                       |
| Rated surge voltage                             | 6 kV                                                                                                         |
| Maximum power dissipation for nominal condition | 1.02 W                                                                                                       |
| Fuse                                            | G / 6,3 x 32                                                                                                 |
| LED voltage range                               | 12 V AC/DC ... 30 V AC/DC                                                                                    |
| Maximum current with single arrangement         | 10 A                                                                                                         |
| LED current range                               | 0.31 mA ... 0.95 mA                                                                                          |
| Maximum power dissipation                       | max. 1.6 W (with single arrangement of the fuse terminal block in the event of overload)                     |
|                                                 | max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload)        |
|                                                 | max. 4 W (with single arrangement of the fuse terminal block in the event of a short-circuit)                |
|                                                 | max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit) |

### Input data

|                   |                           |
|-------------------|---------------------------|
| LED voltage range | 12 V AC/DC ... 30 V AC/DC |
|-------------------|---------------------------|

### Connection data

|                                 |                   |
|---------------------------------|-------------------|
| Number of connections per level | 2                 |
| Nominal cross section           | 4 mm <sup>2</sup> |

#### 1 level

|                                                        |                                            |
|--------------------------------------------------------|--------------------------------------------|
| Connection method                                      | Spring-cage connection                     |
| Stripping length                                       | 8 mm ... 10 mm                             |
| Internal cylindrical gage                              | A4                                         |
| Connection in acc. with standard                       | IEC 60947-7-3                              |
| Conductor cross-section rigid                          | 0.08 mm <sup>2</sup> ... 6 mm <sup>2</sup> |
| Cross section AWG                                      | 28 ... 10 (converted acc. to IEC)          |
| Conductor cross-section flexible                       | 0.08 mm <sup>2</sup> ... 4 mm <sup>2</sup> |
| Conductor cross-section, flexible [AWG]                | 28 ... 12 (converted acc. to IEC)          |
| Conductor cross-section flexible ultrasound-compressed | 0.34 mm <sup>2</sup> ... 6 mm <sup>2</sup> |

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

|                                                                                           |                                                   |
|-------------------------------------------------------------------------------------------|---------------------------------------------------|
| Conductor cross-section, flexible [AWG] ultrasound-compressed                             | 22 ... 10 (converted acc. to IEC)                 |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>        |
| Flexible conductor cross-section (ferrule with plastic sleeve)                            | 0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>        |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>         |
| Nominal current                                                                           | 10 A                                              |
| Maximum load current                                                                      | 10 A (the current is determined by the fuse used) |
| Nominal voltage                                                                           | 24 V                                              |
| Nominal cross section                                                                     | 1.5 mm <sup>2</sup>                               |

## Dimensions

|                    |         |
|--------------------|---------|
| Width              | 8.2 mm  |
| Height             | 76.5 mm |
| Depth on NS 35/7,5 | 69 mm   |
| Depth on NS 35/15  | 76.5 mm |

## Material specifications

|                                                                         |                  |
|-------------------------------------------------------------------------|------------------|
| Color                                                                   | black (RAL 9005) |
| Flammability rating according to UL 94                                  | V0               |
| Insulating material group                                               | I                |
| Insulating material                                                     | PA               |
| 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           |
| Fire protection for rail vehicles (DIN EN 45545-2) R22                  | HL 1 - HL 3      |
| Fire protection for rail vehicles (DIN EN 45545-2) R23                  | HL 1 - HL 3      |
| Fire protection for rail vehicles (DIN EN 45545-2) R24                  | HL 1 - HL 3      |
| Fire protection for rail vehicles (DIN EN 45545-2) R26                  | HL 1 - HL 3      |
| Calorimetric heat release NFPA 130 (ASTM E 1354)                        | 28 MJ/kg         |
| Surface flammability NFPA 130 (ASTM E 162)                              | passed           |
| Specific optical density of smoke NFPA 130 (ASTM E 662)                 | passed           |
| Smoke gas toxicity NFPA 130 (SMP 800C)                                  | passed           |

## Mechanical properties

### Mechanical data

|                 |    |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)         | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)                                                    |
| Ambient temperature (assembly)          | -5 °C ... 70 °C                                                                                                              |

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

|                                          |                 |
|------------------------------------------|-----------------|
| Ambient temperature (actuation)          | -5 °C ... 70 °C |
| Permissible humidity (operation)         | 20 % ... 90 %   |
| Permissible humidity (storage/transport) | 30 % ... 70 %   |

## Standards and regulations

|                                  |               |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-3 |
|----------------------------------|---------------|

## Mounting

|               |           |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
|               | NS 35/15  |

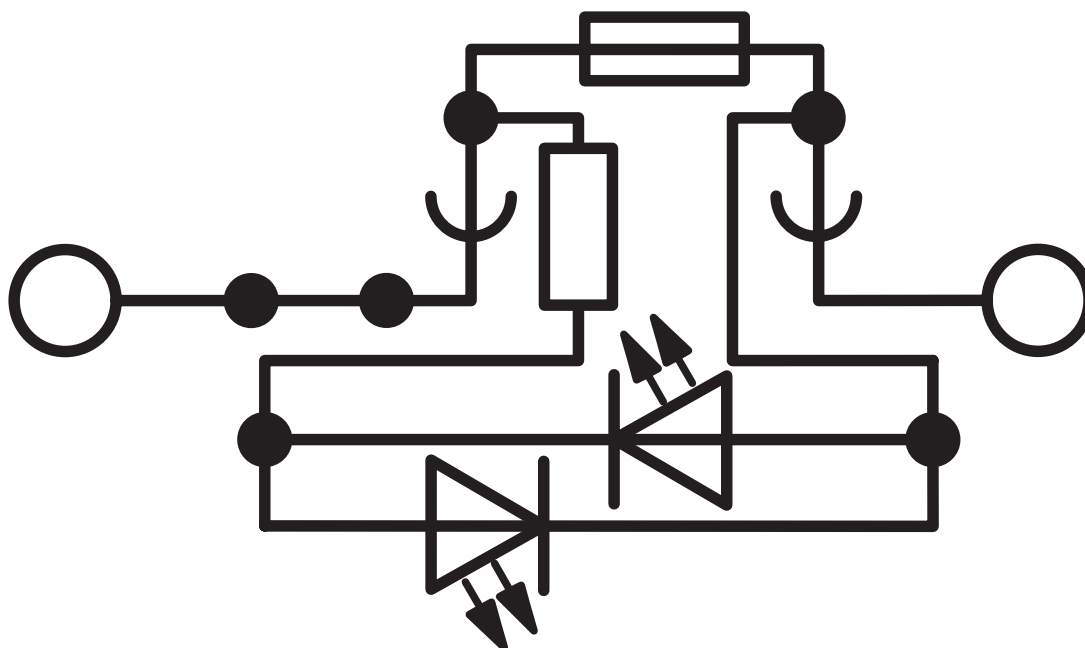
# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block

3038765

<https://www.phoenixcontact.com/us/products/3038765>

## Drawings

Circuit diagram



# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3038765>

|  <b>CSA</b><br>Approval ID: 13631 |                       |                       |                   |                             |
|--------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                    | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| B                                                                                                                  |                       |                       |                   |                             |
|                                                                                                                    | 300 V                 | 10 A                  | 28 - 10           | -                           |

|  <b>IECEE CB Scheme</b><br>Approval ID: NL-23162_A1 |                       |                       |                   |                             |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                      | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                                |                       |                       |                   |                             |
|                                                                                                                                      | 24 V                  | 10 A                  | -                 | 0.08 - 4                    |

|  <b>EAC</b><br>Approval ID: RU C-DE.BL08.B.00644 |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|-------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

|  <b>cULus Recognized</b><br>Approval ID: E60425 |                       |                       |                   |                             |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                    | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| B                                                                                                                                  |                       |                       |                   |                             |
|                                                                                                                                    | 300 V                 | 15 A                  | 28 - 10           | -                           |
| C                                                                                                                                  |                       |                       |                   |                             |
|                                                                                                                                    | 300 V                 | 15 A                  | 28 - 10           | -                           |
| D                                                                                                                                  |                       |                       |                   |                             |
|                                                                                                                                    | 600 V                 | 5 A                   | 28 - 10           | -                           |

|  <b>KEMA-KEUR</b><br>Approval ID: 71-104946 |                       |                       |                   |                             |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                          |                       |                       |                   |                             |
|                                                                                                                                | -                     | 10 A                  | -                 | - 4                         |

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27250113 |
| ECLASS-15.0 | 27250113 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000899 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# ST 4-HESILED 24 (6,3X32) - Fuse modular terminal block



3038765

<https://www.phoenixcontact.com/us/products/3038765>

## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)