

# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

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Lever-type fuse terminal block, black, for 5 x 20 mm G fuse inserts, with LED for 24 V DC

## Product Features

- An extremely compact design
- Test connection on both sides in safety lever

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918890483 |

## Technical data

### General

|   |       |
|---|-------|
| Number of levels                        | 1     |
| Number of connections                   | 2     |
| Color                                   | black |
| Insulating material                     | PA    |
| Inflammability class according to UL 94 | V0    |

### General

|                                  |   |
|----------------------------------|---|
| Fuse                             | G / 5 x 20  |
| Fuse type                        | Glass   |
| Rated surge voltage              | 4 kV  |
| Pollution degree                 | 3   |
| Surge voltage category           | III   |
| Insulating material group        | I   |
| Connection in acc. with standard | IEC 60947-7-3   |
| Nominal current $I_N$            | 6.3 A   |
| Nominal voltage $U_N$            | 24 V  |
| Power loss                       | max. 1.6 W (With single arrangement of the fuse terminal block in the event of overload)              |
| Power loss                       | max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload) |
| Power loss                       | max. 4 W (With single arrangement of the fuse terminal block in the event of a short-circuit)         |

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## Technical data

### General

|                          |  |
|--------------------------|--|
| <b>Power loss</b>        | max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit) |
| <b>LED voltage range</b> | 12 V AC/DC ... 30 V AC/DC  |
| <b>LED current range</b> | 0.31 mA ... 0.95 mA  |
| <b>Open side panel</b>   | nein   |

### Dimensions

|                         |         |
|-------------------------|---------|
| <b>Width</b>            | 6.2 mm  |
| <b>Length</b>           | 61.5 mm |
| <b>Height NS 35/7,5</b> | 62.5 mm |
| <b>Height NS 35/15</b>  | 70 mm   |

### Connection data

|  |                        |
|--|------------------------|
| <b>Conductor cross section solid min.</b>  | 0.08 mm <sup>2</sup>   |
| <b>Conductor cross section solid max.</b>  | 6 mm <sup>2</sup>      |
| <b>Conductor cross section stranded min.</b>   | 0.08 mm <sup>2</sup>   |
| <b>Conductor cross section stranded max.</b>   | 4 mm <sup>2</sup>      |
| <b>Conductor cross section AWG/kcmil min.</b>  | 28                     |
| <b>Conductor cross section AWG/kcmil max</b>   | 10                     |
| <b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>              | 0.14 mm <sup>2</sup>   |
| <b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>              | 4 mm <sup>2</sup>      |
| <b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>                 | 0.14 mm <sup>2</sup>   |
| <b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>                 | 4 mm <sup>2</sup>      |
| <b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b> | 0.5 mm <sup>2</sup>    |
| <b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b> | 1 mm <sup>2</sup>      |
| <b>Connection method</b>   | Spring-cage connection |
| <b>Minimum stripping length</b>  | 8 mm                   |
| <b>Maximum stripping length</b>  | 10 mm                  |
| <b>Internal cylindrical gage</b>   | A4                     |

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27141116 |
| <b>eCl@ss 4.1</b> | 27141116 |
| <b>eCl@ss 5.0</b> | 27141116 |
| <b>eCl@ss 5.1</b> | 27141116 |
| <b>eCl@ss 6.0</b> | 27141116 |
| <b>eCl@ss 7.0</b> | 27141116 |

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## classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27141116 |
|------------|----------|

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000899 |
| ETIM 4.0 | EC000899 |
| ETIM 5.0 | EC000899 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / GL / RS / IECCEB Scheme / GOST / cULus Recognized /

### Approval details

|                            |          |
|----------------------------|----------|
|                            |          |
| <b>Usegroups</b>           | <b>B</b> |
| Nominal voltage UN         | 300 V    |
| Nominal current IN         | 6.3 A    |
| mm <sup>2</sup> /AWG/kcmil | 28-10    |

|                            |          |          |
|----------------------------|----------|----------|
|                            |          |          |
| <b>Usegroups</b>           | <b>B</b> | <b>C</b> |
| Nominal voltage UN         | 300 V    | 300 V    |
| Nominal current IN         | 10 A     | 10 A     |
| mm <sup>2</sup> /AWG/kcmil | 28-10    | 28-10    |

|                    |       |
|--------------------|-------|
|                    |       |
| Nominal voltage UN | 24 V  |
| Nominal current IN | 6.3 A |

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## approvals

|                            |        |
|----------------------------|--------|
| mm <sup>2</sup> /AWG/kcmil | 0.08-4 |
|----------------------------|--------|

**cUL Recognized**

| Usegroups                  | B     | C     |
|----------------------------|-------|-------|
| Nominal voltage UN         | 300 V | 300 V |
| Nominal current IN         | 10 A  | 10 A  |
| mm <sup>2</sup> /AWG/kcmil | 28-10 | 28-10 |

**GOST**

**GL**

**RS**

**IECEE CB Scheme**

|                            |        |
|----------------------------|--------|
| Nominal voltage UN         | 24 V   |
| Nominal current IN         | 6.3 A  |
| mm <sup>2</sup> /AWG/kcmil | 0.08-4 |

**cULus Recognized**

## accessories

### Partition plate

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accessories

ATP-ST 4 - 3030721



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## Screwdriver tools

SZF 1-0,6X3,5 - 1204517



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## Bridge

VS - 3004207



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FBS 2-6 - 3030336



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FBS 3-6 - 3030242



# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

## accessories

FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



FBS 20-6 - 3030365



FBS 50-6 - 3032224



FBSR 2-6 - 3033715



# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

## accessories

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FBSR 10-6 - 3033716



### Male insert

DMET 5X20 - 3032075



### Documentation

ST-IL - 3039900



### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



## Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547 accessories

NS 35/ 7,5 WH PERF 2000MM - 1204119



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NS 35/ 7,5 WH UNPERF 2000MM - 1204122



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NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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NS 35/ 7,5 ZN PERF 2000MM - 1206421



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NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



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NS 35/ 7,5 CU UNPERF 2000MM - 0801762





# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

## accessories

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NS 35/ 7,5 CAP - 1206560



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### Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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ZBF 6:UNBEDRUCKT - 0808710



## Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547 accessories

UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



### Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

## accessories

ZBF 6 CUS - 0825027



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UC-TMF 6 CUS - 0824646



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UCT-TMF 6 CUS - 0829665

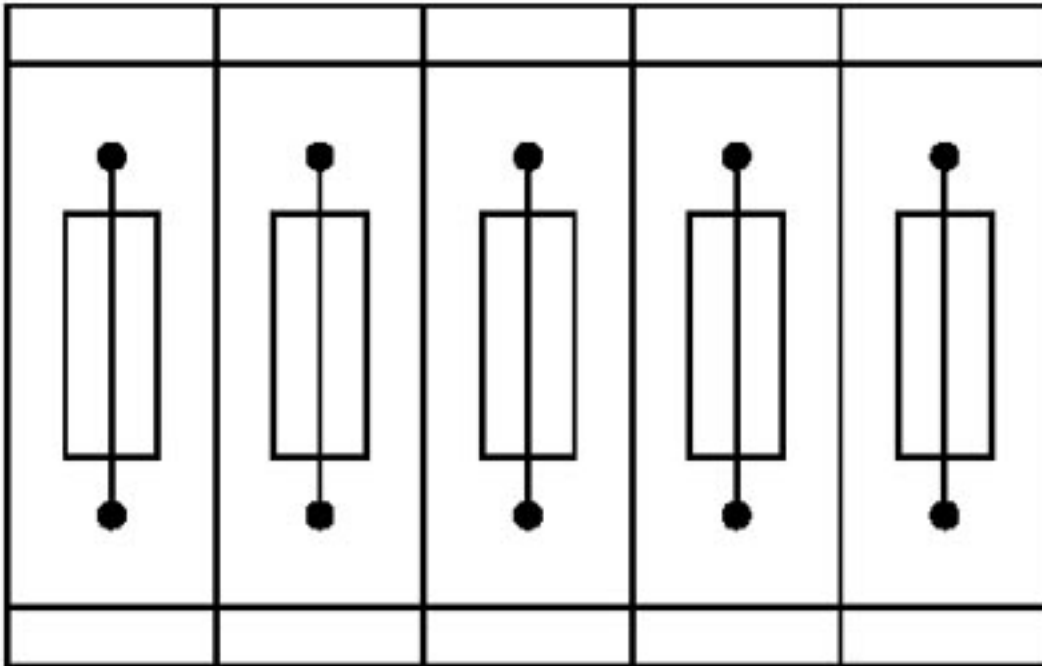


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## Drawings

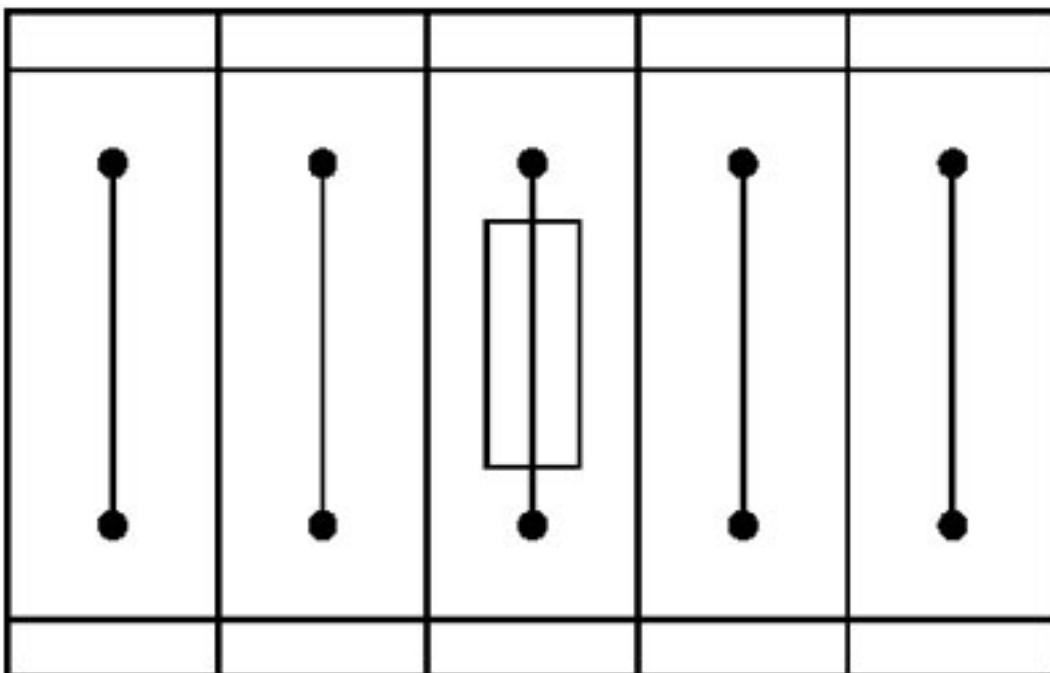
# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

Application drawing



Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks

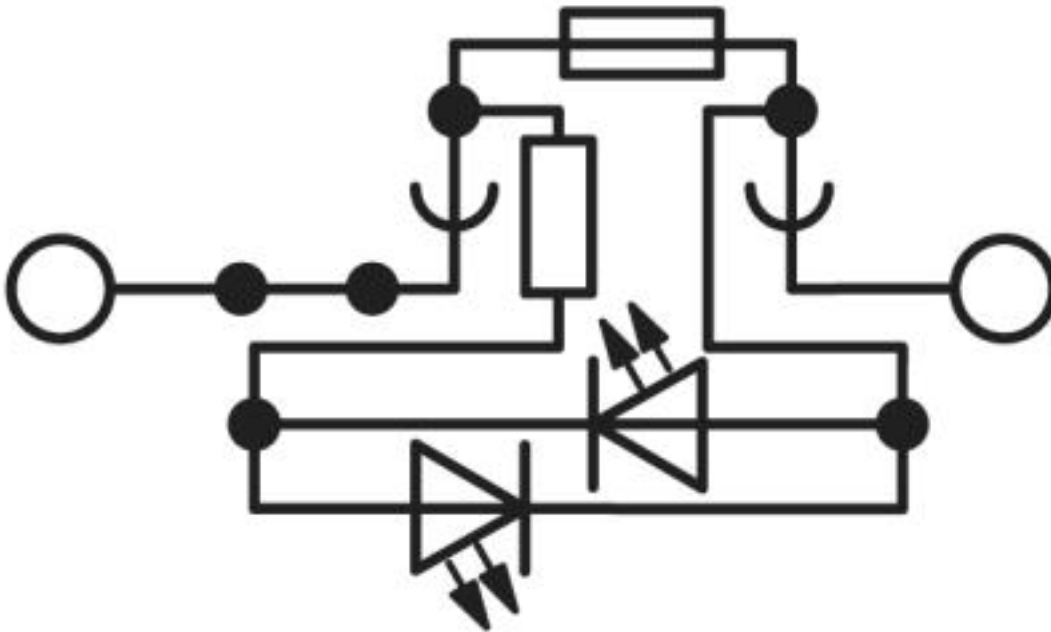
Application drawing



Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks

# Fuse modular terminal block - ST 4-HESILED 24 (5X20) - 3036547

Circuit diagram



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