

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

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Fuse terminal block for cartridge fuse insert, cross section: 0.5-10 mm², AWG: 20-8, width: 12.2 mm, color: Black



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 1      |
| Minimum order quantity | 25 1     |
| Custom tariff number   | 85369085 |
| Country of origin      | Poland   |

### Technical data

#### General

|                                         |                           |
|-----------------------------------------|---------------------------|
| Number of levels                        | 1                         |
| Number of connections                   | 2                         |
| Color                                   | black                     |
| Insulating material                     | PA                        |
| Inflammability class according to UL 94 | V0                        |
| Fuse                                    | G / 5 x 20                |
| Fuse type                               | Glass                     |
| Rated surge voltage                     | 6 kV                      |
| Pollution degree                        | 3                         |
| Surge voltage category                  | III                       |
| Insulating material group               | I                         |
| Connection in acc. with standard        | IEC 60947-7-3             |
| Nominal current $I_N$                   | 10 A                      |
| Nominal voltage $U_N$                   | 500 V                     |
| LED voltage range                       | 12 V AC/DC ... 30 V AC/DC |
| LED current range                       | 1 mA ... 2.5 mA           |

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### Technical data

#### General

|                 |      |
|-----------------|------|
| Open side panel | nein |
|-----------------|------|

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 12.2 mm |
| Length           | 71.5 mm |
| Height NS 35/7,5 | 51.3 mm |
| Height NS 35/15  | 58.8 mm |

#### Connection data

|                                                                                         |                       |
|-----------------------------------------------------------------------------------------|-----------------------|
| Conductor cross section solid min.                                                      | 0.5 mm <sup>2</sup>   |
| Conductor cross section solid max.                                                      | 10 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.5 mm <sup>2</sup>   |
| Conductor cross section stranded max.                                                   | 6 mm <sup>2</sup>     |
| Conductor cross section AWG/kcmil min.                                                  | 20                    |
| Conductor cross section AWG/kcmil max                                                   | 8                     |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>     |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>     |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>   |
| Connection method                                                                       | Leg spring connection |
| Stripping length                                                                        | 12 mm                 |
| Internal cylindrical gage                                                               | A5                    |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141116 |
| eCl@ss 4.1 | 27141116 |
| eCl@ss 5.0 | 27141116 |
| eCl@ss 5.1 | 27141116 |
| eCl@ss 6.0 | 27141116 |
| eCl@ss 7.0 | 27141116 |
| eCl@ss 8.0 | 27141116 |

## Fuse modular terminal block - DT 6/2,5-DREHSILED 24 (5X20) - 3034251

### Classifications

#### ETIM

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

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211825 |
| UNSPSC 7.0901 | 39121422 |
| UNSPSC 11     | 39121422 |
| UNSPSC 12.01  | 39121422 |
| UNSPSC 13.2   | 39121422 |

### Approvals

#### Approvals

#### Approvals

UL Recognized / KEMA-KEUR / cUL Recognized / IECCE CB Scheme / GOST / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                                                                                   |       |       |   |
|---------------------------------------------------------------------------------------------------|-------|-------|---|
| UL Recognized  |       |       |   |
|                                                                                                   |       | B     | C |
| mm²/AWG/kcmil                                                                                     | 20-8  | 20-8  |   |
| Nominal current I <sub>N</sub>                                                                    | 10 A  | 10 A  |   |
| Nominal voltage U <sub>N</sub>                                                                    | 600 V | 600 V |   |

## Fuse modular terminal block - DT 6/2,5-DREHSILED 24 (5X20) - 3034251

### Approvals

|                                                                                             |       |
|---------------------------------------------------------------------------------------------|-------|
| KEMA-KEUR  |       |
| mm²/AWG/kcmil                                                                               | 0.5-6 |
| Nominal current I <sub>N</sub>                                                              | 10 A  |
| Nominal voltage U <sub>N</sub>                                                              | 24 V  |

|                                                                                                  |       |       |   |
|--------------------------------------------------------------------------------------------------|-------|-------|---|
| cUL Recognized  |       |       |   |
|                                                                                                  |       | B     | C |
| mm²/AWG/kcmil                                                                                    | 20-8  | 20-8  |   |
| Nominal current I <sub>N</sub>                                                                   | 10 A  | 10 A  |   |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V | 600 V |   |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
| mm²/AWG/kcmil                                                                                       | 0.5-6 |
| Nominal current I <sub>N</sub>                                                                      | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                      | 24 V  |

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|                                                                                          |
|------------------------------------------------------------------------------------------|
| GOST  |
|------------------------------------------------------------------------------------------|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Accessories

#### Accessories

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

#### Bridge

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Number of positions: 10, Color: red

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## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Number of positions: 20, Color: red

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Reducing bridge - RB ST (2,5/4)-1,5 - 3038943



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB UT 35-ST(2,5/4) - 3047280



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB UT 16-ST(2,5/4) - 3047099



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB UT 10-ST(2,5/4) - 3047086



Reducing bridge, Number of positions: 2, Color: red

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## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

Reducing bridge - RB UT 6-ST(2,5/4) - 3047264



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB ST 35-(2,5/4) - 3030899



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB ST 16-(2,5/4) - 3030886



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB ST 10-(2,5/4) - 3030873



Reducing bridge, Number of positions: 2, Color: red

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Reducing bridge - RB ST 6-(2,5/4) - 3030860



Reducing bridge, Number of positions: 2, Color: red

---

End block

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

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End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

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End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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End clamp - E/UK - 1201442



End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

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End clamp - E/UK 1 - 1201413



End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray

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End cover

## Fuse modular terminal block - DT 6/2,5-DREHSEILED 24 (5X20) - 3034251

### Accessories

Spacer plate - DP PS-6 - 3036738



Spacer plate, Color: red

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### Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

## Fuse modular terminal block - DT 6/2,5-DREHSEILED 24 (5X20) - 3034251

### Accessories

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



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

DIN rail - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

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DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798



DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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### Screwdriver tools

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Test plug terminal block

Test adapter - PS-6 - 3030996



Test adapter, Color: red

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Test plugs - PS-6/2,3MM RD - 3038736



Test plugs, Color: red

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Test adapter - PAI-4-FIX-5/6 BU - 3035975



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue

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Test adapter - PAI-4-FIX-5/6 OG - 3035974



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

### Accessories

Test adapter - PAI-4-FIX-5/6 YE - 3035977



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow

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Test adapter - PAI-4-FIX-5/6 RD - 3035976



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red

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Test adapter - PAI-4-FIX-5/6 GN - 3035978



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green

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Test adapter - PAI-4-FIX-5/6 BK - 3035980



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Black

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Test adapter - PAI-4-FIX-5/6 GY - 3035982



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray

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## Fuse modular terminal block - DT 6/2,5-DREHSEILED 24 (5X20) - 3034251

### Accessories

Test adapter - PAI-4-FIX-5/6 VT - 3035979



Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Violet

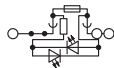
Test adapter - PAI-4-FIX-5/6 BN - 3035981



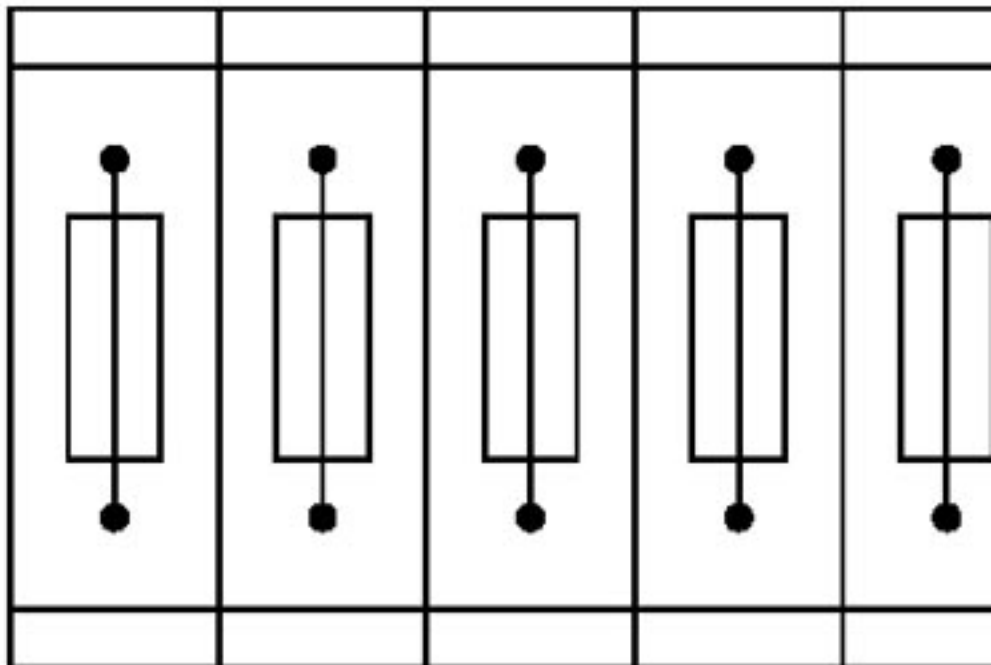
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown

### Drawings

Circuit diagram



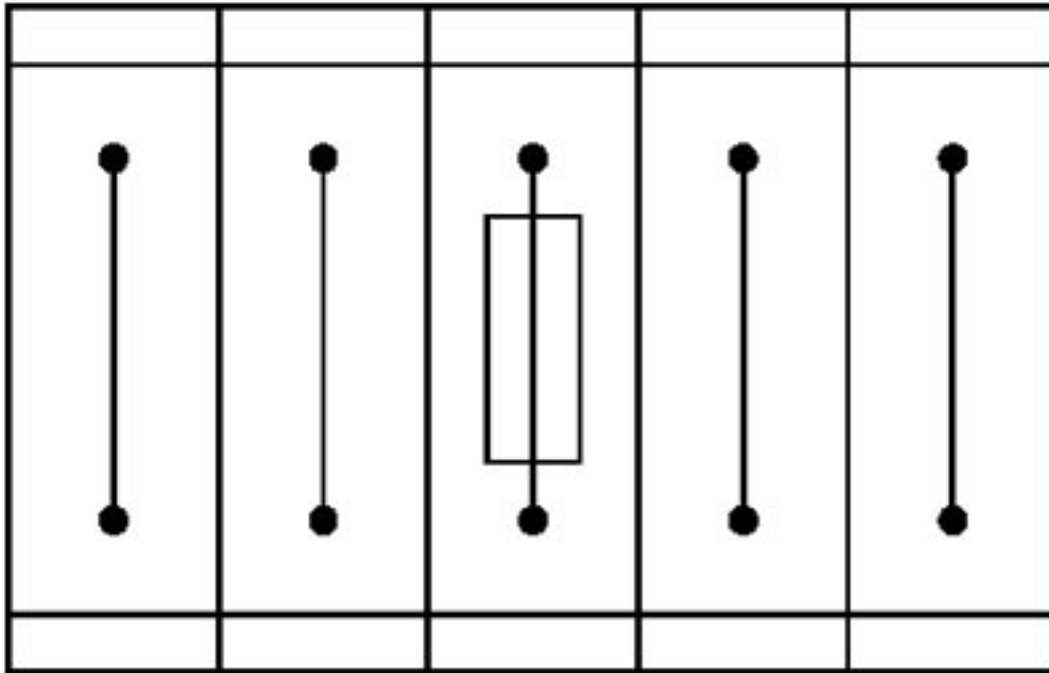
Application drawing



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

## Fuse modular terminal block - DT 6/2,5-DREHSELED 24 (5X20) - 3034251

Application drawing



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

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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)