

## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

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Lever-type fuse terminal block, black, for 6.3 x 32 mm G fuse inserts, with LED for 24 V DC

### Why buy this product

- An extremely compact design
- Test connection on both sides in safety lever
- Tested for railway applications



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 055819
Weight per Piece (excluding packing)	25.37 GRM
Country of origin	Germany

### Technical data

#### General

Note	The current is determined by the fuse used, the voltage by the selected LED. If the fuse is faulty, the downstream circuit will not be disconnected.
Number of levels	1
Number of connections	2
Nominal cross section	6 mm <sup>2</sup>
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry Machine building Plant engineering
Fuse	G / 6,3 x 32
Fuse type	Glass / ceramics / ...

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### Technical data

#### General

Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation	max. 1.6 W (With single arrangement of the fuse terminal block in the event of overload)
Maximum current with single arrangement	10 A
LED voltage range	12 V AC/DC ... 30 V AC/DC
LED current range	0.31 mA ... 0.95 mA
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	10 A (the current is determined by the fuse used)
Nominal current $I_N$	10 A
Nominal voltage $U_N$	24 V
Open side panel	No

#### Dimensions

Width	8.2 mm
Length	57.8 mm
Height NS 35/7,5	73 mm
Height NS 35/15	80.5 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>

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## Technical data

### Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-3
Flammability rating according to UL 94	V0

## 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
eCl@ss 9.0	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

### Approvals

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## Approvals


Approvals


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


Ex Approvals


Approvals submitted

## Approval details

CSA 		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-8	24-8
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

UL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-8	24-8
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

KEMA-KEUR 	
mm <sup>2</sup> /AWG/kcmil	0.2-6
Nominal current IN	10 A
Nominal voltage UN	24 V

cUL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	24-8	24-8
Nominal current IN	10 A	10 A
Nominal voltage UN	600 V	600 V

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## Approvals

GL

RS

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	0.2-6
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	24 V

EAC

cULus Recognized

## Accessories

### Accessories

#### Bridge

Connection pin - VS - 3004207



Connection pin, Length: 1000 mm, Color: gray

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### DIN 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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### Accessories

DIN rail, unperforated - 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 perforated - 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)

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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

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



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

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

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



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

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



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

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



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

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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

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



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

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

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



DIN rail 35 mm (NS 35)

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



DIN rail 35 mm (NS 35)

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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

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DIN rail perforated - 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, unperforated - 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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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

DIN rail, unperforated - 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, unperforated - 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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End block

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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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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### Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Pitch: 8.2 mm, Length: 29.6 mm, Width: 14.7 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: red

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Color: red

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Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 6, Color: red

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Plug-in bridge - FBSR 2-8 - 3033808



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 2, Color: red

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Plug-in bridge - FBSR 3-8 - 3001597



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBSR 4-8 - 3000585



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: red

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Plug-in bridge - FBSR 5-8 - 3033809



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 5, Color: red

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Plug-in bridge - FBSR 10-8 - 3001599



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Color: red

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Plug-in bridge - FBS 2-8 CT - 3033830



Plug-in bridge, Pitch: 8.2 mm, Length: 29.6 mm, Width: 14.7 mm, Number of positions: 2, Color: orange

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Plug-in bridge - FBS 3-8 CT - 3033831



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: orange

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Plug-in bridge - FBS 4-8 CT - 3033832



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: orange

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Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Color: orange

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### Labeled terminal marker

Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Marker for terminal blocks - UC-TM 8 CUS - 0824597



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Marker for terminal blocks - UCT-TM 8 CUS - 0829616



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

Zack marker strip - ZB 8,LGS:FORTL.ZAHLEN - 1052015



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Zack marker strip - ZB 8,QR:FORTL.ZAHLEN - 1052028



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

### Marker pen

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

### Partition plate

## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Spacer plate - DP PS-8 - 3036741



Spacer plate, Length: 22.4 mm, Width: 8.2 mm, Height: 29 mm, Number of positions: 1, Color: red

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### Reducing bridge

Reducing bridge - RB UT 6-(2,5/4) - 3047251



Reducing bridge, Pitch: 9.5 mm, Number of positions: 2, Color: red

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### Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

### Accessories

Marker for terminal blocks - UCT-TM 8 - 0828740



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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### Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Test plugs - PS-8 - 3031005



Test plugs, Color: red

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Test plugs - PS-8/2,3MM RD - 3048564



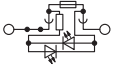
Test plugs, Color: red

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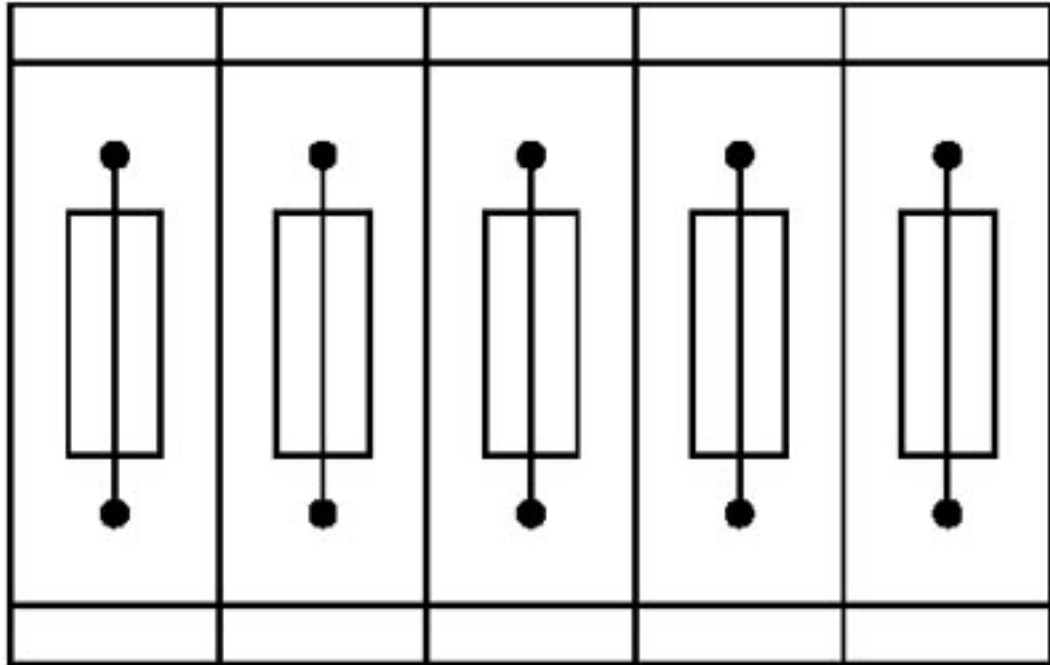
### Drawings

# Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

Circuit diagram

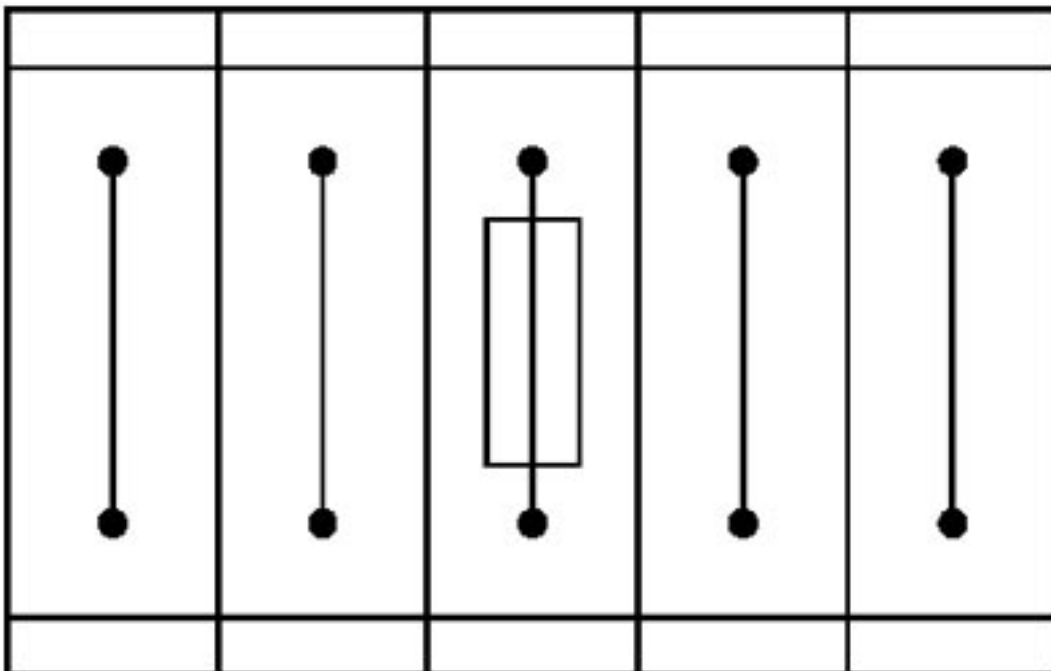


Application drawing



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

Application drawing



Fuse terminal block in single arrangement,

## Fuse modular terminal block - UT 6-HESILED 24 (6,3X32) - 3046414

block consisting of one fuse terminal block and 4 feed-through terminal blocks

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