

## Fuse modular terminal block - UT 4-HESILED 24 (5X20) - 3046090

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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
- Tested for railway applications



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	18.42 g
Custom tariff number	85369085
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	4 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

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### Technical data

#### General

Fuse	G / 5 x 20
Fuse type	Glass / ceramics / ...
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)
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	6.3 A (the current is determined by the fuse used)
Nominal current $I_N$	6.3 A
Nominal voltage $U_N$	24 V
Open side panel	No

#### Dimensions

Width	6.2 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.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm <sup>2</sup>

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### Technical data

#### Connection data

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>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 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

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## Classifications

### UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / GL / RS / IECCE CB Scheme / DNV / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-10	26-10
Nominal current I <sub>N</sub>	6.3 A	6.3 A
Nominal voltage U <sub>N</sub>	24 V	24 V

UL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-10	26-10
Nominal current I <sub>N</sub>	6.3 A	6.3 A
Nominal voltage U <sub>N</sub>	600 V	600 V

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## Approvals

KEMA-KEUR	
mm <sup>2</sup> /AWG/kcmil	0.14-4
Nominal current I <sub>N</sub>	6.3 A
Nominal voltage U <sub>N</sub>	24 V

cUL Recognized		
	B	C
mm <sup>2</sup> /AWG/kcmil	26-10	26-10
Nominal current I <sub>N</sub>	6.3 A	6.3 A
Nominal voltage U <sub>N</sub>	600 V	600 V

LR

GL

RS

IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	0.14-4
Nominal current I <sub>N</sub>	6.3 A
Nominal voltage U <sub>N</sub>	24 V

DNV

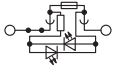
EAC

cULus Recognized	
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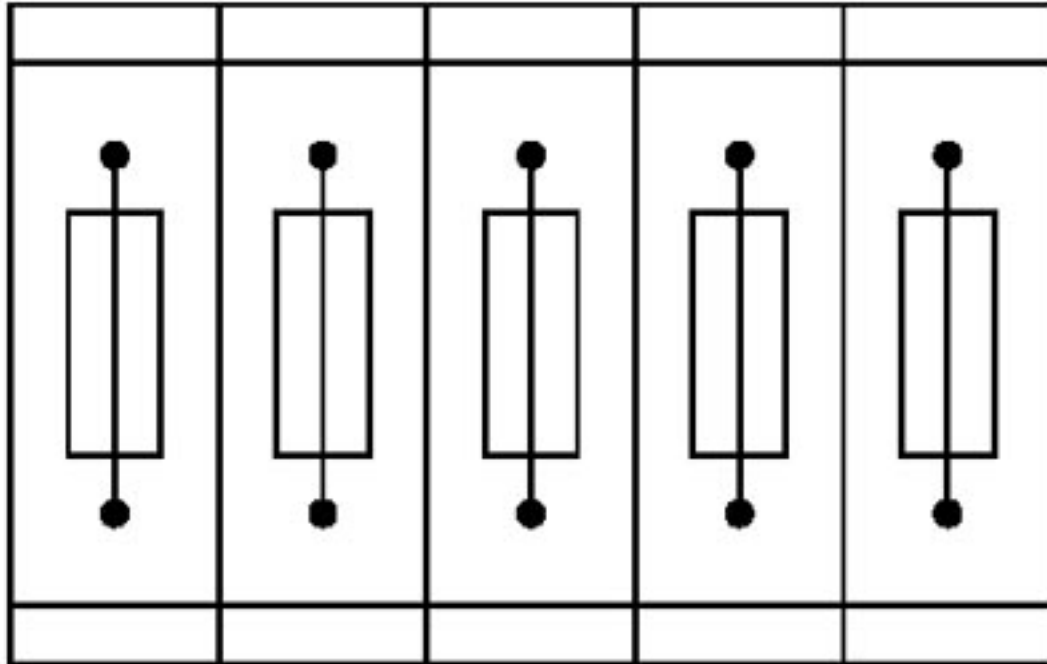
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## Drawings

Circuit diagram



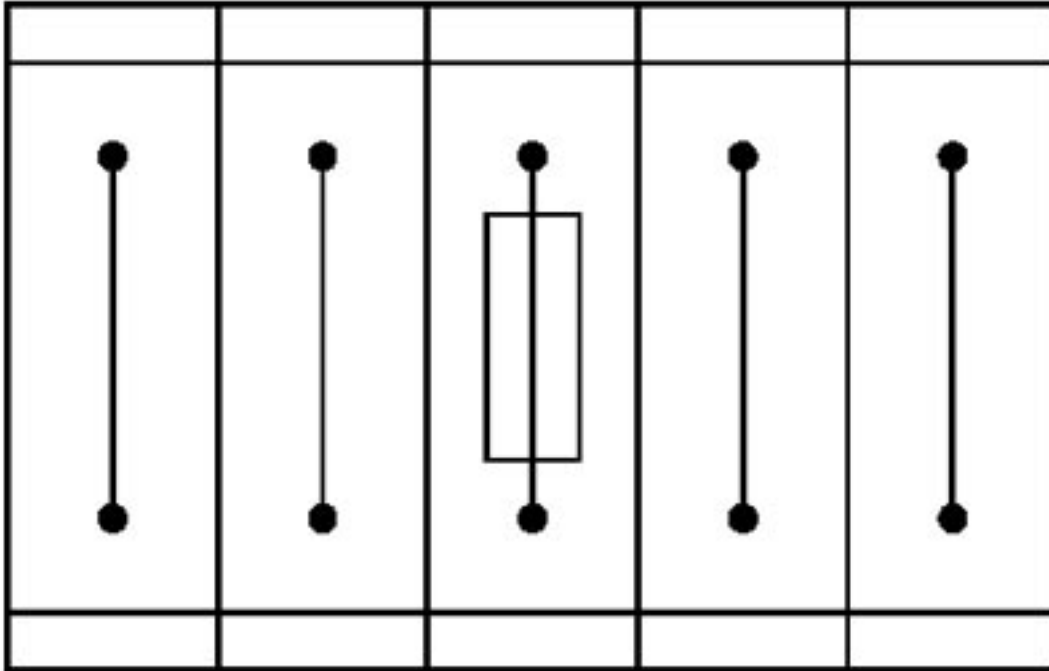
Application drawing



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

## Fuse modular terminal block - UT 4-HESILED 24 (5X20) - 3046090

Application drawing



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