

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



3074172

<https://www.phoenixcontact.com/gb/products/3074172>

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 24 V, nominal current: 6.3 A, number of positions: 1, connection method: Screw connection, Rated cross section: 1 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup>- 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

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## Commercial Data

Item number	3074172
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	BE1134
Product Key	BE1134
GTIN	4046356343169
Weight per Piece (including packing)	17.51 g
Weight per Piece (excluding packing)	17.51 g
Customs tariff number	85369095
Country of origin	DE

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## Technical Data

### Product properties

Product type	Fuse terminal block
Number of positions	1
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	4 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 5 x 20
LED voltage range	12 V AC/DC ... 30 V AC/DC
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
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### Connection data

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

### Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section solid	0.14 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	26 ... 10
Conductor cross section flexible	0.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	20 ... 10

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Flexible conductor cross section flexible (ferrule, w/o 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 same cross section, solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	6.3 A
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal voltage	24 V
Nominal cross section	1 mm <sup>2</sup>

## Dimensions

Width	6.2 mm
Height NS 35/15	80.5 mm
Height NS 35/7,5	73 mm
Length	57.8 mm

## Material specifications

Color	gray
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))	125 °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)	27,5 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
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI)
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	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
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-3
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## Mounting

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

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

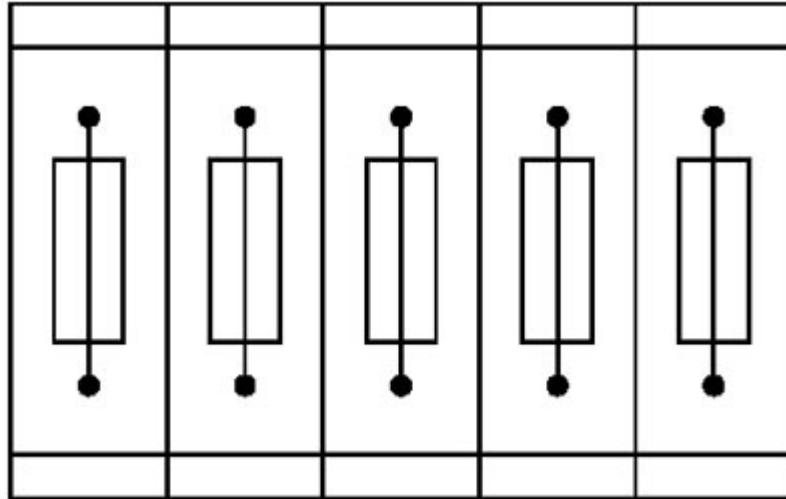


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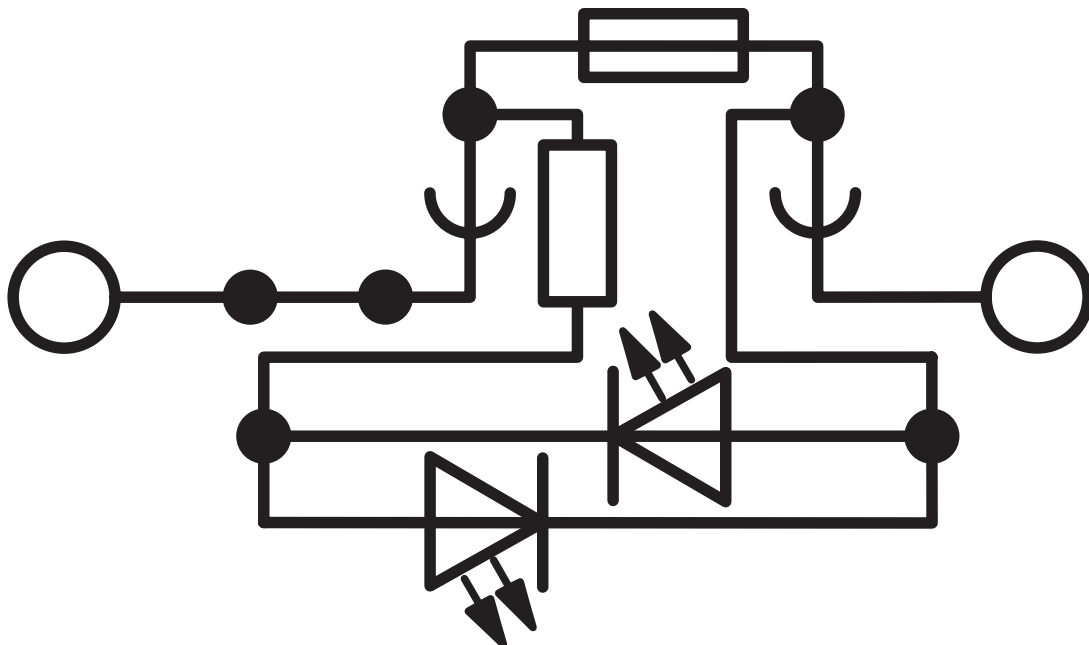
## Drawings

Application drawing



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

Circuit diagram



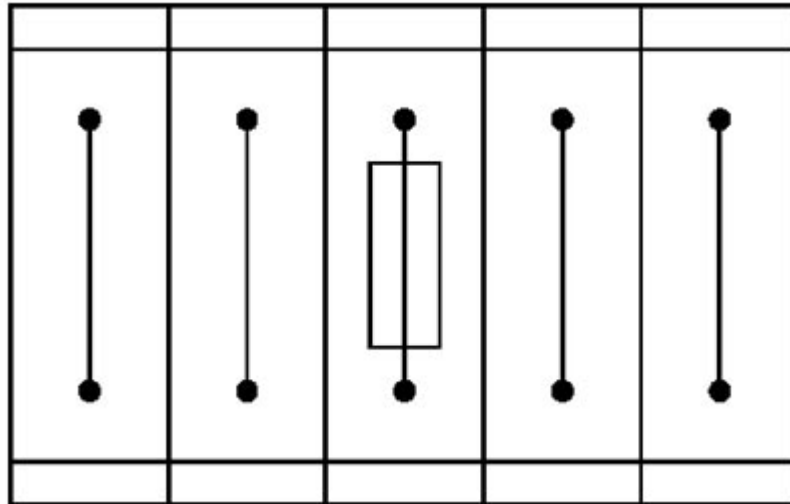
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Application drawing



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

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## Approvals

### DNV


CSA 	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	6.3 A	-	-
Use group C	600 V	6.3 A	-	-

### IECEE CB Scheme


IECEE CB Scheme 	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	500 V	6.3 A	-	0.14 - 4

### EAC

### cULus Recognized

cULus Recognized 	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	10 A	26 - 10	-
Multi-conductor connection	600 V	10 A	26 - 14	-
Use group C	600 V	10 A	26 - 10	-
Multi-conductor connection	600 V	10 A	26 - 14	-


### KEMA-KEUR

KEMA-KEUR 	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	500 V	6.3 A	-	0.14 - 4

### LR

### RS

### CSA

CSA 	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	24 V	6.3 A	-	-
Use group C				

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	24 V	6.3 A	-	-
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**PRS** 

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## Classifications

### ECLASS

ECLASS-9.0	27141116
ECLASS-10.0.1	27141116
ECLASS-11.0	27141116

### ETIM

ETIM 8.0	EC000899
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### UNSPSC

UNSPSC 21.0	39121410
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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