

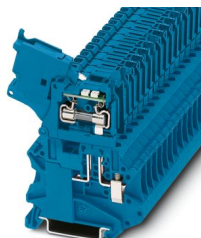
UT 4-HESILED 24 (5X20) BU - Fuse modular terminal block



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 24 V, nominal current: 6.3 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm²- 6 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

Commercial data

Item number	3046537
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0185*
Product key	BE1134
GTIN	4046356134477
Weight per piece (including packing)	17.628 g
Weight per piece (excluding packing)	17.628 g
Customs tariff number	85369095
Country of origin	DE

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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Technical data

Product properties

Product type	Fuse terminal block
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
-------------------	---------------------------

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²
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 rigid	0.14 mm ² ... 6 mm ²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 4 mm ²

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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

2 conductors with same cross section, solid	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.14 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1.5 mm ²
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	4 mm ²

Dimensions

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

Material specifications

Color	blue (RAL 5015)
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
-----------------	----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)

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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

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

Mounting

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

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

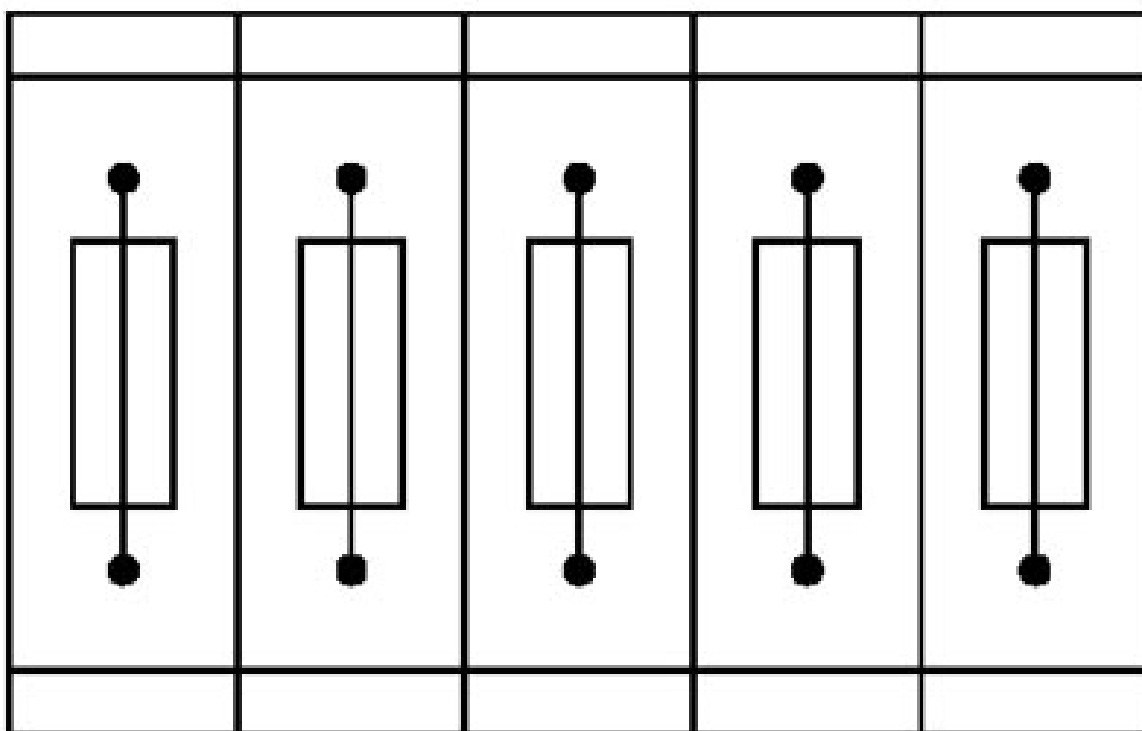


3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Drawings

Application drawing



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

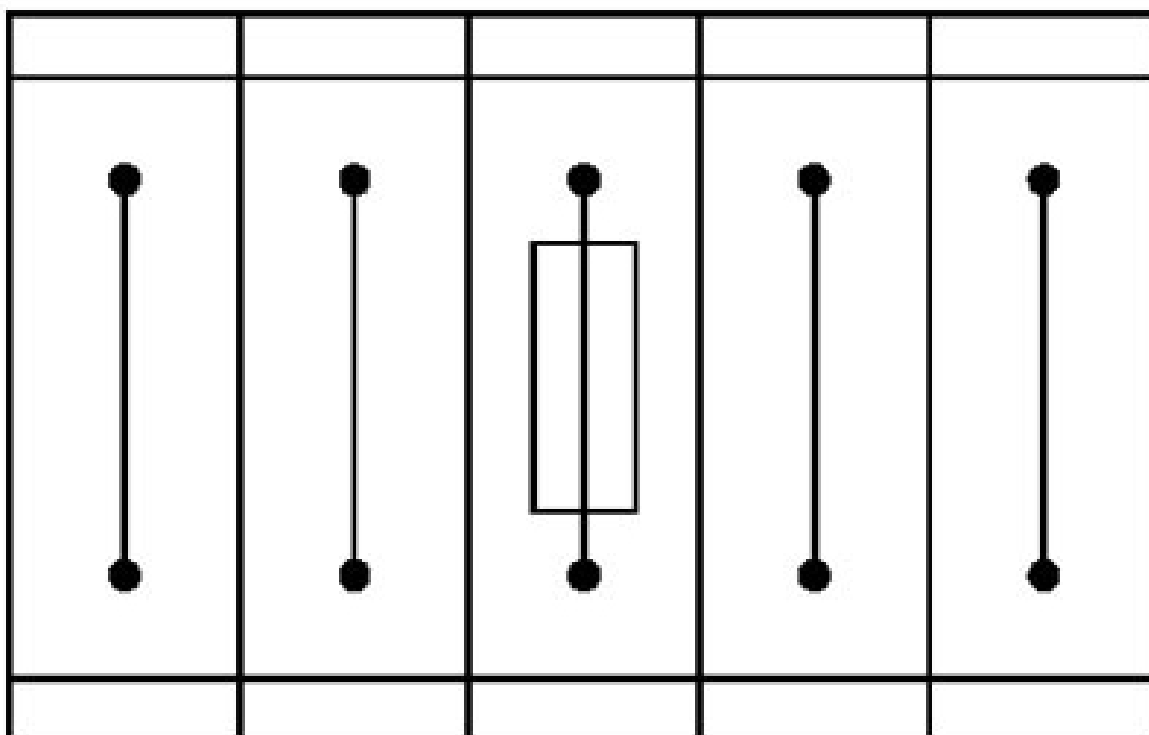
UT 4-HESILED 24 (5X20) BU - Fuse modular terminal block



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Application drawing



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

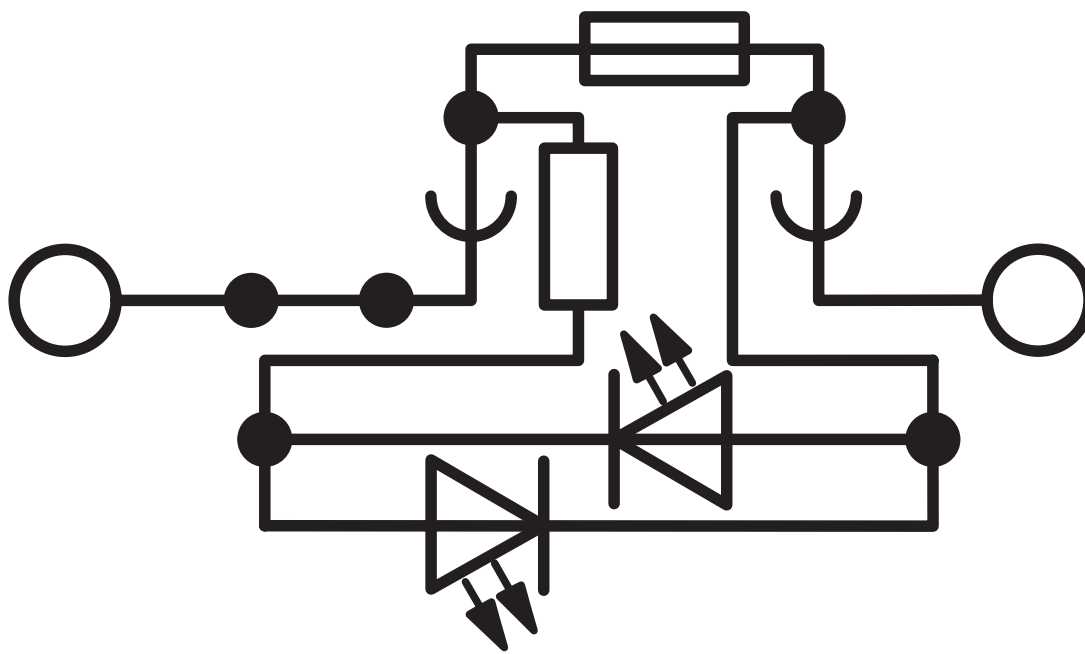
UT 4-HESILED 24 (5X20) BU - Fuse modular terminal block



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Circuit diagram



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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3046537>

DNV

Approval ID: TAE00001S9



IECEE CB Scheme

Approval ID: NL-65056

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	500 V	6.3 A	-	0.14 - 4



EAC

Approval ID: EACKZ 08593



KEMA-KEUR

Approval ID: 71-113330

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	500 V	6.3 A	-	0.14 - 4



LR

Approval ID: LR24100022TA



cULus Recognized

Approval ID: E60425



cULus Recognized

Approval ID: E60425

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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

ETIM

ETIM 9.0	EC000899
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



3046537

<https://www.phoenixcontact.com/sg/products/3046537>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	957ad257-721e-4fe8-95df-8e89ef941ecd

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.

105 Eunos Avenue 3, #04-00

Singapore 409836

+65 6228 4900

marketing@phoenixcontact.com.sg