

UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block

3248005
<https://www.phoenixcontact.com/pc/products/3248005>

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: black

Your advantages

- An extremely compact design
- Test pick-off on both sides in the fuse lever

Commercial data

Item number	3248005
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1134
Catalog page	Page 161 (C-1-2019)
GTIN	4046356585187
Weight per piece (including packing)	17.084 g
Weight per piece (excluding packing)	17.084 g
Customs tariff number	85369095
Country of origin	DE

UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005

<https://www.phoenixcontact.com/pc/products/3248005>

Technical data

Notes

General	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.
---------	---

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 ... 60 V AC/DC
LED current range	0.09 mA ... 0.49 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 ... 60 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

UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005

<https://www.phoenixcontact.com/pc/products/3248005>

Conductor cross section rigid	0.14 mm² ... 6 mm²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm² ... 6 mm²
Conductor cross section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² ... 4 mm²
2 conductors with same cross section, solid	0.14 mm² ... 1.5 mm²
2 conductors with same cross section, flexible	0.14 mm² ... 1.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.14 mm² ... 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 1.5 mm²
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 mm²

Dimensions

Width	6.2 mm
Height	57.8 mm
Depth on NS 35/7,5	75.6 mm
Depth on NS 35/15	83.13 mm

Material specifications

Color	black
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

UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005

<https://www.phoenixcontact.com/pc/products/3248005>

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)
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

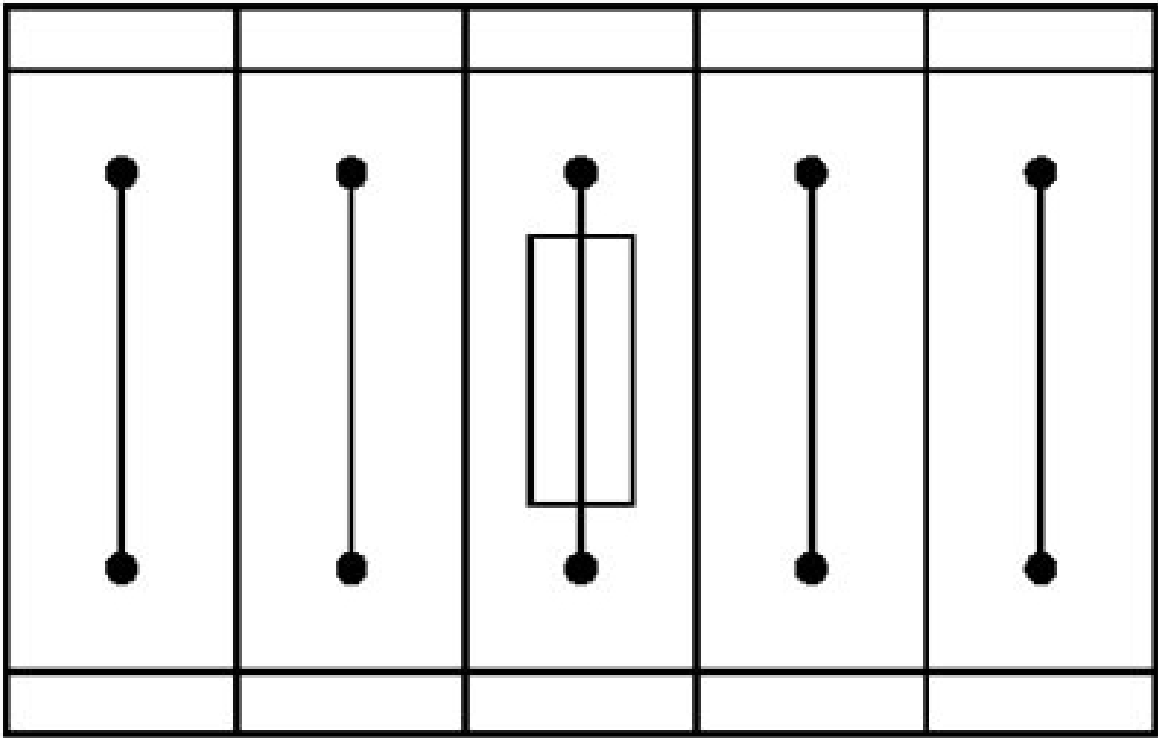
UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005
<https://www.phoenixcontact.com/pc/products/3248005>

Drawings

Application drawing



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

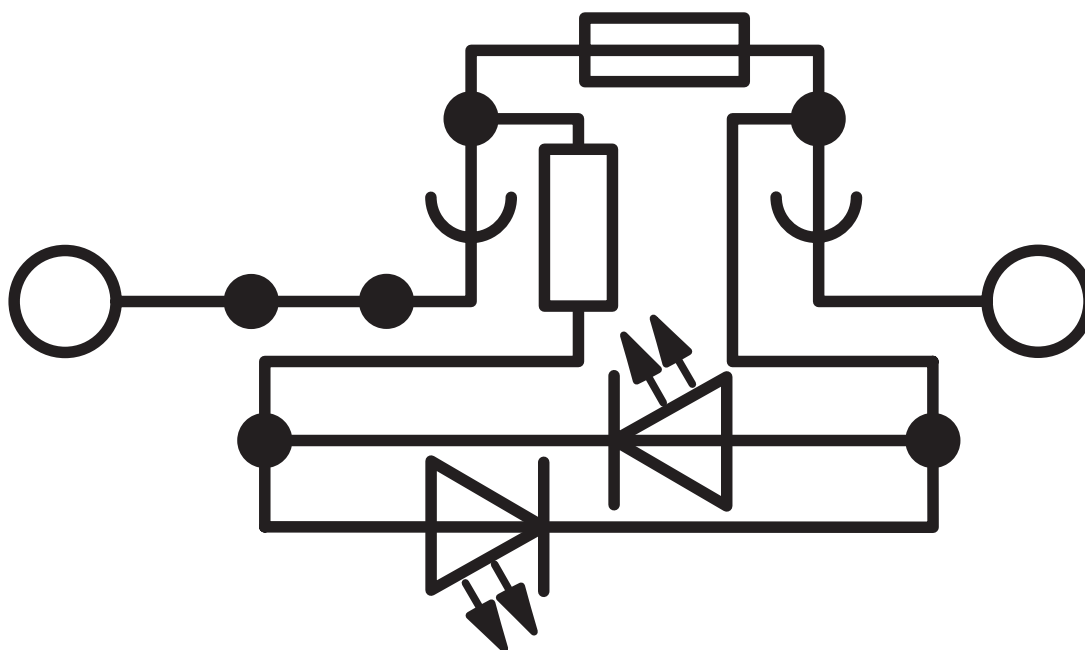
UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005

<https://www.phoenixcontact.com/pc/products/3248005>

Circuit diagram

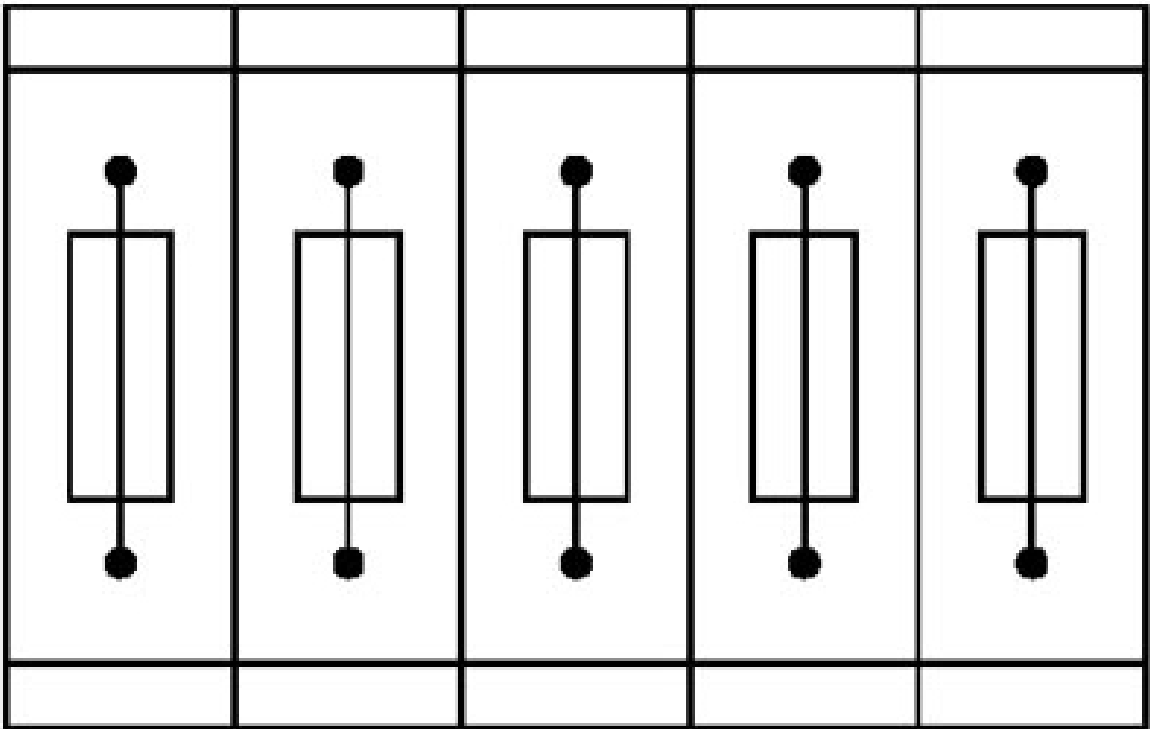


UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005
<https://www.phoenixcontact.com/pc/products/3248005>

Application drawing



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

UT 4-HESILED 24 (5X20) 120KOHM - Fuse modular terminal block



3248005

<https://www.phoenixcontact.com/pc/products/3248005>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3248005>



EAC

Approval ID: RU C-DE.BL08.B.00534

3248005
<https://www.phoenixcontact.com/pc/products/3248005>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

3248005
<https://www.phoenixcontact.com/pc/products/3248005>

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	2cc5510b-58d7-4092-9e2a-dfdc1d5fd465

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com