

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367
<https://www.phoenixcontact.com/pc/products/3214367>

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: 60 V, nominal current: 30 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.14 mm²- 6 mm², connection method: Screw connection, Rated cross section: 1 mm², cross section: 0.14 mm²- 4 mm², mounting type: NS 35/7,5, NS 35/15, color: black

Commercial data

Item number	3214367
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1136
Catalog page	Page 162 (C-1-2019)
GTIN	4055626030784
Weight per piece (including packing)	32.141 g
Weight per piece (excluding packing)	32.141 g
Customs tariff number	85369095
Country of origin	PL

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

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	4
Number of rows	2
Potentials	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 5 x 20
LED voltage range	30 V AC ... 60 V AC
LED current range	0.4 mA ... 0.86 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	30 V AC ... 60 V AC
-------------------	---------------------

Connection data

Number of connections per level	2
Nominal cross section	4 mm ²

Level 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 60947-7-1 / IEC 60947-7-3

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

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)	0.14 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	30 A
Maximum load current	36 A (the current is determined by the fuse used)
Nominal voltage	60 V
Nominal cross section	4 mm²

Level 2

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-3
Conductor cross section rigid	0.14 mm² ... 4 mm²
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm² ... 4 mm²
Conductor cross section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 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	60 V
Nominal cross section	1 mm²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 3 G Ex ec IIC Gc
Operating temperature range	-60 °C ... 130 °C
Ex-certified accessories	1205053 SZS 0,6X3,5 3022276 CLIPFIX 35-5

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

	3022218 CLIPFIX 35
Rated voltage	500 V
	250 V
output	(Permanent)

Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	4 mm ²
Rated cross section AWG	12
Connection capacity rigid	0.14 mm ² ... 6 mm ²
Connection capacity AWG	26 ... 10
Connection capacity flexible	0.14 mm ² ... 6 mm ²
Connection capacity AWG	26 ... 10
2 conductors with same cross section, solid	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross-section AWG rigid	26 ... 16
2 conductors with same cross section, stranded	0.14 mm ² ... 1.5 mm ²
2 conductors with the same cross-section AWG flexible	26 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Single conductor/terminal point, flexible, with ferrule, without plastic sleeve, AWG	26 ... 12
output	(Permanent)

Ex level Level 2

Rated current	20 A (4 mm ²)
Maximum load current	20 A (6 mm ²)
Contact resistance	0.6 mΩ
Temperature increase	40 K (20 A/4 mm ²)
output	(Permanent)

Ex level Level 3

Rated current	6.3 A (4 mm ²)
Maximum load current	6.3 A (6 mm ²)
Contact resistance	5 mΩ

Dimensions

Width	6.2 mm
Height	92.7 mm
Depth	94.5 mm
Depth on NS 35/7,5	88.9 mm
Depth on NS 35/15	96.4 mm

Material specifications

Color	black
-------	-------

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

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))	130 °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)	28 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 ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-3
	IEC 60947-7-1 / IEC 60947-7-3

Mounting

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

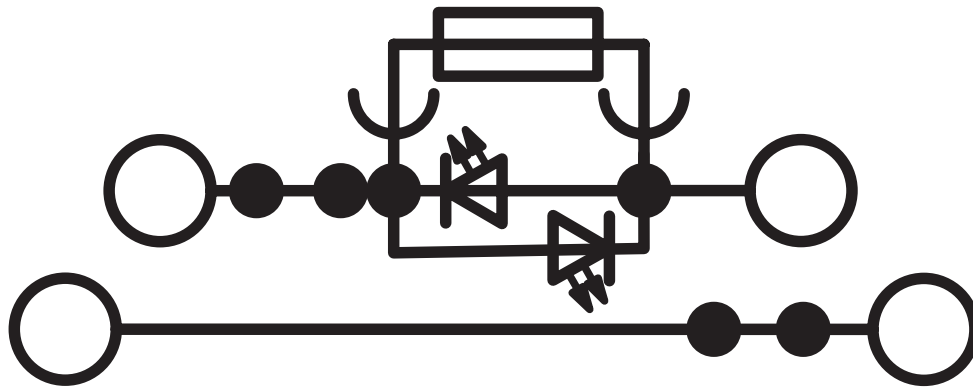
UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block

3214367

<https://www.phoenixcontact.com/pc/products/3214367>

Drawings

Circuit diagram

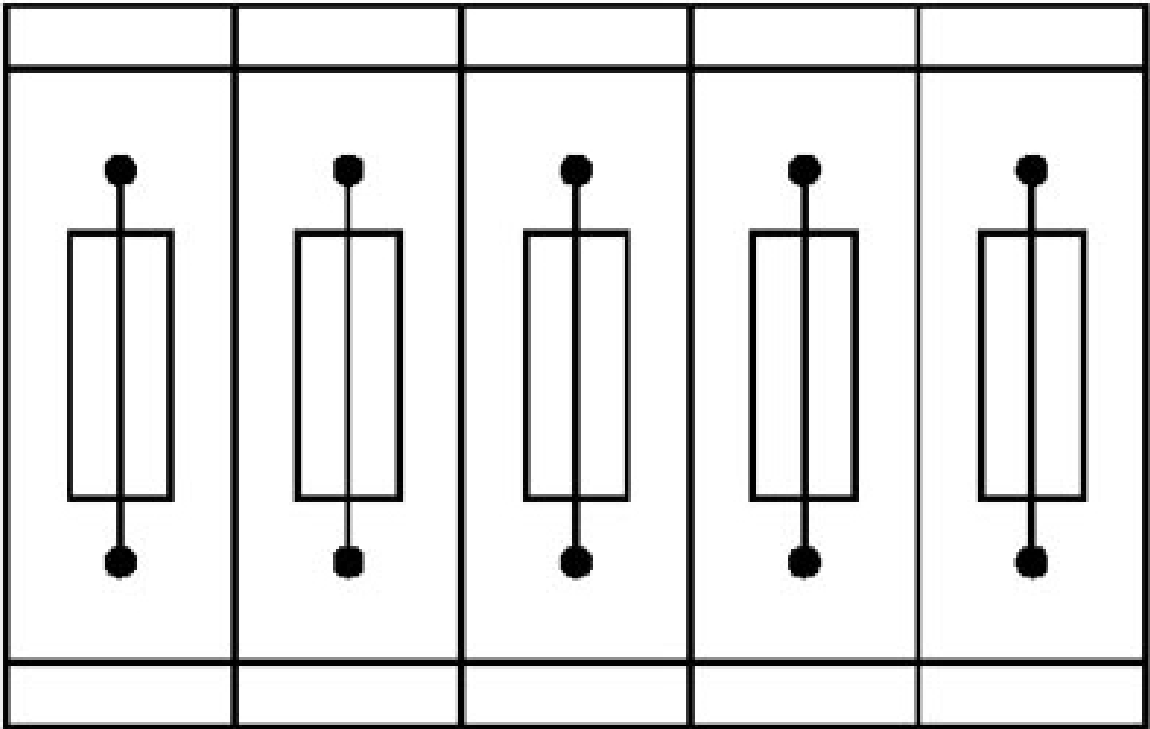


UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367
<https://www.phoenixcontact.com/pc/products/3214367>

Application drawing



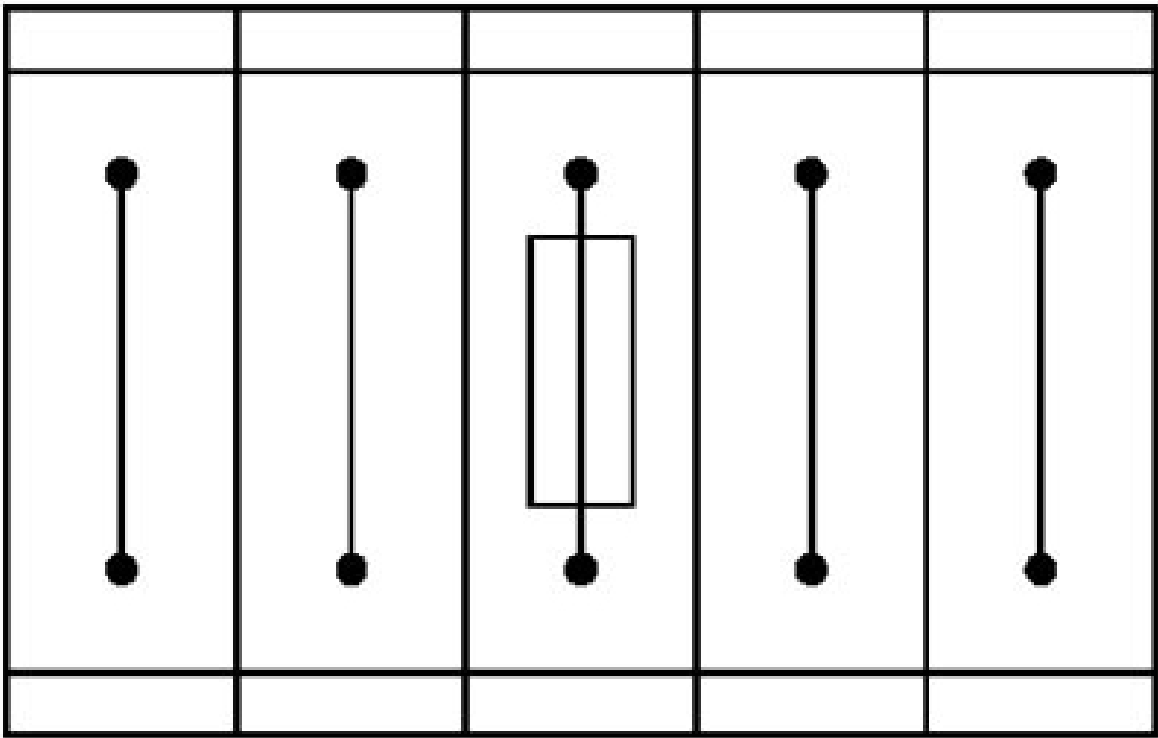
Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367
<https://www.phoenixcontact.com/pc/products/3214367>

Application drawing



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

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3214367>

CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
Use group C				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-

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

cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-
Use group C				
upper level	300 V	16 A	26 - 10	-
lower level	300 V	20 A	26 - 10	-

cUL Recognized Approval ID: E192998				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
with cartridge fuse-link	300 V	16 A	26 - 10	26 - 10
middle level	300 V	20 A	26 - 10	26 - 10

IECEx Approval ID: IECExKIWA14.0014U				
---	--	--	--	--

UL Recognized Approval ID: E192998				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
with cartridge fuse-link	300 V	16 A	26 - 10	-
middle level	300 V	20 A	26 - 10	-

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>



CCC

Approval ID: 2020322313000632



ATEX

Approval ID: KIWA14ATEX0025U



UKCA-EX

Approval ID: CSAE 21UKEX3606U

cULus Recognized

UT 4-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367

<https://www.phoenixcontact.com/pc/products/3214367>

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-L/HESILED 60 (5X20) - Fuse modular terminal block



3214367
<https://www.phoenixcontact.com/pc/products/3214367>

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	5e8a0254-0ad5-4dcf-aeff-04a72f89509d

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

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