

Fuse Terminal Block for cartridge fuse-links 5 x 20 mm

Article Description	UT 4-TG-EX (3046143) UT 4-TG-P/P-EX (3046169)
Fuse Plug	P-FU 5X20-EX (3036807) P-FU 5X20 LED 24-EX (3036821) P-FU 5X20 LED 60-EX (3036823) P-FU 5X20 LA 250-EX (3036836)
Type Examination Certificate IECEX-Certificate UL File No.	DEMKO 14ATEX1353 U IECEX UL 13.0007U XCIB2.E1992998 XCIB8.E1992998
CSA Certificate No.	2725780 Class 2258 02/2258 82
Markings	Ⓔ II 3 G Ex nA IIC Gc DEMKO 14ATEX1353 U IECEX UL 13.0007U AEx nA IIC Gc Class I Zone 2 Class I Division 2 Group A B C D
Mounting on DIN rail Stripping length Torque	NS 35 acc. to EN 60715-TH 35 9 mm 0,6 - 0,8 Nm
Operating temperature	-50 ... 130 °C



Technical data according to EN 60079-15 (Type of protection “nA“)

Rated voltage	250 V	
Current	6,3 A max.*	* The current is determined by the fuse link used.
Rated power dissipation P _{vk} Separate arrangement: Compound arrangement:	4 W (6,3 A) 2,5 W (6,3 A)	

Connection capacity

Rated cross-section	4 mm ²	AWG 12
Max. cross-section	6 mm ²	AWG 10
Connectable conductor cross-section rigid/flexible	0,14 - 6 mm ²	AWG 26 - 10
Connectable conductor cross-section equipped with end ferrule	0,14 - 4 mm ²	AWG 26 - 12

Multi-conductor connection (2 conductors of the same cross-section)

rigid / flexible	0,14 - 1,5 mm ²	AWG 26 - 16
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Cartridge fuse-links

	EN 60127-2 Spec. sheet	Rated current	Breaking capacity
Cartridge fuse-links 5 x 20 mm*)	1	50 mA ... 10 A	1,5 kA
	2	32 mA ... 10 A	35 A resp. 10 x I _N
	3	32 mA ... 10 A	35 A resp. 10 x I _N
*) only permissible for sandfilled cartridge fuse-link!	5	100 mA ... 10 A	1,5 kA
	6	32 mA ... 10 A	150 A

Accessories

Accessories	Description	Article no.	
Fixed Bridge	FBS X-6 ¹⁾	3030XXX	max. 20 A 1) all numbers of poles
Partition Plate	ATP-UT-TWIN	3047183	
Zubehör	Bezeichnung	Artikel-Nr.	
Feste Brücke	FBS X - 6 ¹⁾	3030XXX	max. 20 A
Abteilungstrennplatte	ATP-UT-TWIN	3047183	

Important assembly instructions – Type of protection “nA”

The fuse terminal blocks type UT 4-TG-EX are intended for the short circuit protection of devices and circuits for which it is likely that overloads do not occur.

The terminal blocks were evaluated for use in an enclosure certified for the area with a minimum rating of IP54 which shall bear the following or equivalent warning:

WARNING – DO NOT REMOVE OR REPLACE THE FUSE WHEN ENERGIZED!

The terminal blocks have been investigated for use with copper conductors only.

When assembling with other certified series and sizes of terminal blocks and using accessories designed for the purpose, the required creepage distances and clearances have to be observed.


In order to comply with the required distances, an end cover or separation plate has to be installed between the fuse terminal blocks and the open side of the housing of adjacent terminal blocks.

The fuse terminal blocks may only be equipped with the specified cartridge fuse-links with sand filling. In the end application, it has to be ensured that the fuse type, the nominal current of the fuse-link and the power dissipation (if applicable) are marked on or in close proximity of the fuse terminal block.

The fuse terminal blocks may be used for short circuit protection applications based on the operational self-heating at nominal current in combination with the specified fuse-links at ambient temperatures according to the following table:

UT 4 - TG (-P/P)- EX	Cartridge fuse-link	Temperature class:		
		T4 (135 °C)	T5 (100 °C)	T6 (85 °C)
Separate arrangement:	4 W/6,3 A	84,1	49,1	(34,1)
Compound arrangement:	2,5 W/6,3 A	57,5	(22,5)	-

When using the terminal blocks in equipment of temperature class T1 to T3, it has to be ensured that the highest possible temperature on the insulation parts does not exceed the maximum value of the operating temperature range.

For further information please refer to the catalog and/or website of PHOENIX CONTACT GmbH & Co. KG  www.phoenixcontact.com

Attestation of Conformity

The above mentioned product is in line with the provisions of the below marked directive and their modification directive(s):

2014/34/EU ATEX Directive

Compliance with Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012	EN 60079-15:2010
IEC 60079-0:2011	IEC 60079-15:2010
UL 60079-0:2009	UL 60079-15:2013
CSA-C22.2 No. 60079-0:2011	CSA C22.2 No. 60079-15:2012

This attestation is based on the following IECEx certification and related test reports:

Notified Body: UL International Demko A/S NB No.: 0539

Address: Borupvang 5A, 2750 Ballerup, Denmark

Certificate: DEMKO 14 ATEX 1353U Rev. 01, 2015-01-20
(No., Date)

Blomberg, 2016-05-09




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This attestation certifies the conformity with the indicated directive, it does not, however, covenant any characteristics.
The instructions for safety and installation have to be observed.

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