
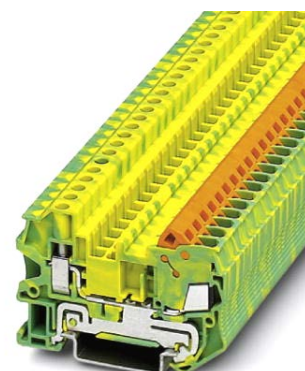


Quick Connection Screw Protective Conductor Terminal Block QTCU...-PE

Article description	QTCU 1,5-PE
Article no.	3050031
EC-TYPE EXAMINATION CERTIFICATE IECEX-CERTIFICATE	KEMA 04ATEX2226 U IECEX KEM 07.0007 U
Marking	 Ex eb IIC KEMA 04ATEX2226 U IECEX KEM 07.0007 U
Assembly on mounting rails	NS 35 acc. to EN 60715-TH 35
Stripping length ¹⁾	9 mm
Torque ¹⁾	0,6 - 0,8 Nm
Frequency of circuit at same cross-section ²⁾	100
Assembly instructions	See page 2
Operating temperature range	-45 °C ... +90 °C
Wiring temperature range	-10 °C ... +90 °C



Technical data according to IEC/EN 60079-7 (increased safety „e“)

Connection capacity

Rated cross-section	1,5 mm ²	AWG 16
Max conductor cross-section	1,5 mm ² rigid and flexible ²⁾	AWG 16
	2,5 mm ² flexible ¹⁾	AWG 14
	4 mm ² rigid ¹⁾	AWG 12
Connectable conductor cross-section	0,14 - 2,5 mm ² flexible ¹⁾	AWG 26 - 14
	0,14 - 4 mm ² rigid ¹⁾	AWG 26 - 12
	0,25 - 1,5 mm ² rigid and flexible ²⁾	AWG 24 - 16

Data to the explosion protection

Rated voltage	550 V	to the adjacent QTCU 1,5
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Insulation material

Description	PA 6.6
Creep resistance acc. to IEC 60112 / material group	CTI 600 / I

Accessories

	Description	Article no.
Cover	D-QTCU 1,5	3206283

¹⁾ only Screw Connection

²⁾ only Quick Connection

Important assembly instructions – increased safety „e“

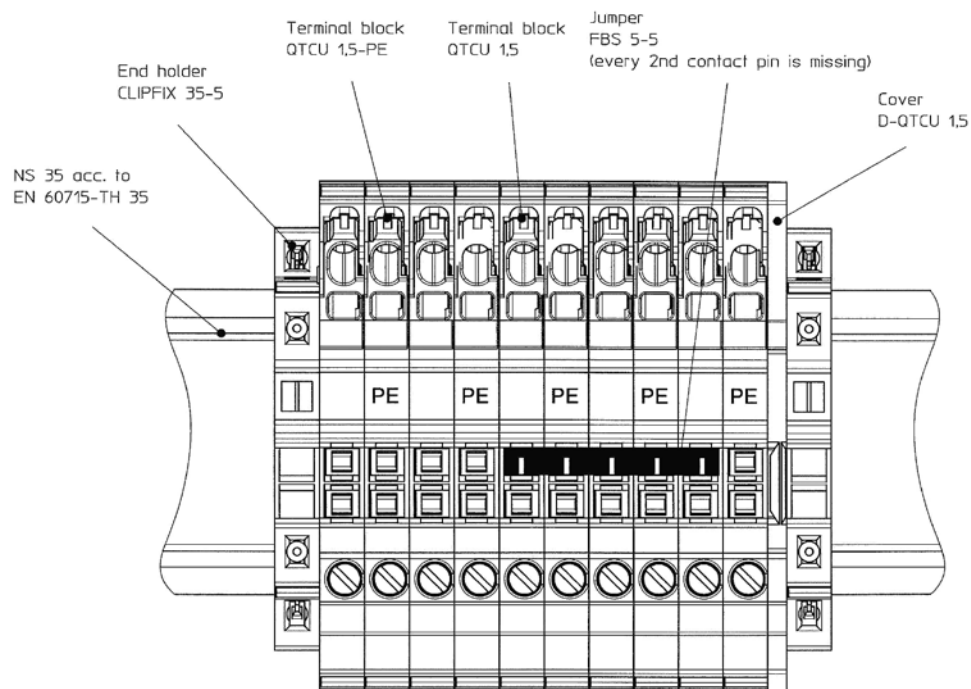
The Quick Connection (Hybrid) Protective Conductor Terminal Blocks are suitable for use in enclosures in Atmospheres with flammable gases or combustible dust. For flammable gases these enclosures must satisfy the requirements according to IEC/EN 60079-0 and IEC/EN 60079-7. For combustible dust these enclosures must satisfy the requirements according to IEC/EN 60079-31.

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.

When using the jumpers to achieve a skipped bridging of protective terminal block QTCU 1,5-PE the rated voltage is reduced to 352 V.

The Quick Connection (Hybrid) Protective Conductor Terminal Blocks may be used at ambient temperatures of -45 °C to +40 °C at the mounting position in electrical apparatus, e.g. junction and connection boxes, for temperature class T6. When the Terminal Blocks are used in electrical apparatus of temperature classes T1 up to T5, the highest temperature of the insulating material shall not exceed the maximum value of the operating temperature range.

The Terminal Blocks and their appropriate accessories have to be assembled as specified below.



Attestation of Conformity

The above-mentioned product conforms with the most important requirements of directive 2014/34/EU (ATEX directive) and its amending directives. The following pertinent standards were consulted for evaluating the conformity:

- IEC 60079-0/EN 60079-0
- IEC 60079-7/EN 60079-7


For the complete list of relevant standards, including the issue status, see certificate of conformity. This is available for download at www.phoenixcontact.com in the e-shop under the category manufacturer's declaration.


Conformance with the provisions of the ATEX directive was certified by the following notified body:


Notified Body: DEKRA Certification B.V.
Address: Utrechtseweg 310, NL-6812 AR Arnhem, The Netherlands [Ident.-No.: 0344]
Certificate: KEMA 04ATEX2226 U, 2012-11-30
(No., Date)

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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