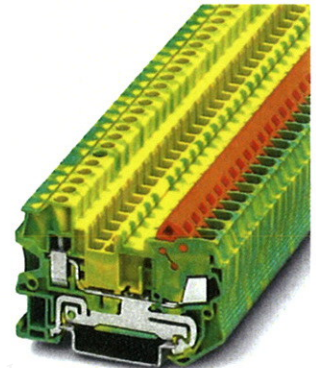


Quick Connection Screw Protective Conductor Terminal Block QTCU...-PE

Article description	QTCU 2,5-PE
Article no.	3206555
EC-TYPE EXAMINATION CERTIFICATE IECEX-CERTIFICATE	KEMA 05ATEX2148 U IECEX KEM 07.0010 U
Marking	Ex e II KEMA 05ATEX2148 U IECEX KEM 07.0010 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 EN 60079-7 (increased safety „e“)

Connection capacity

Rated cross-section	2,5 mm ²	AWG 14
Max conductor cross-section	2,5 mm ² rigid and flexible ²⁾	AWG 14
	4 mm ² flexible ¹⁾	AWG 12
	6 mm ² rigid ¹⁾	AWG 10
Connectable conductor cross-section	0,14 - 4 mm ² flexible ¹⁾	AWG 26 - 12
	0,14 - 6 mm ² rigid ¹⁾	AWG 26 - 10
	0,5 - 2,5 mm ² rigid and flexible ²⁾	AWG 20 - 14

Data to the explosion protection

Rated voltage	550 V	to the adjacent QTCU 2,5
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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 2,5	3206597

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

¹⁾ only Screw connection

²⁾ only Quick connection

Important assembly instructions – increased safety „e“

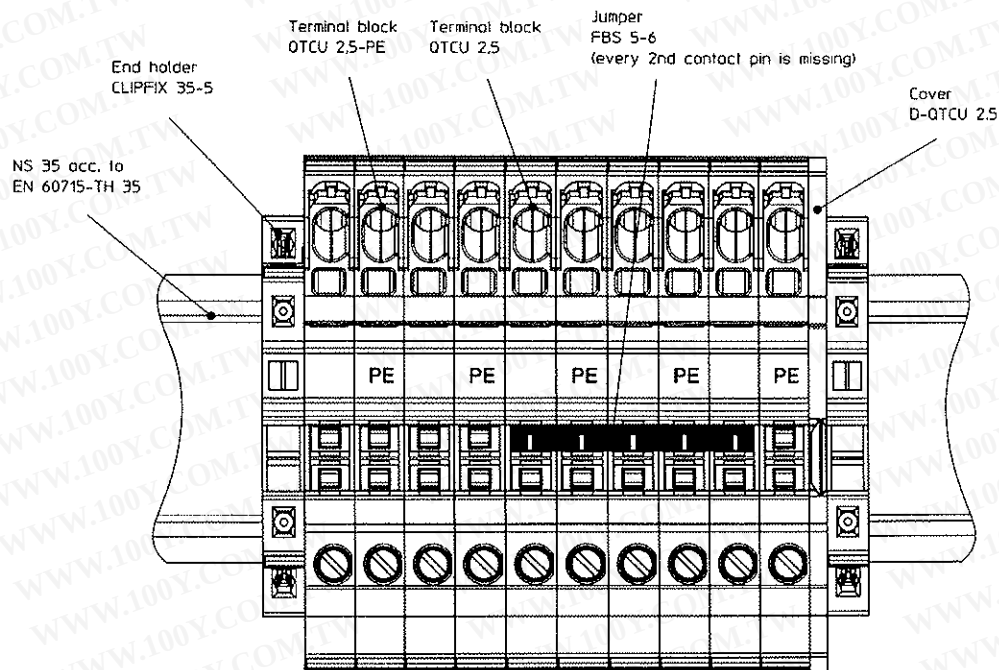
The Quick Connection (Hybrid) Protective Conductor Terminal Blocks are suitable for use in enclosures in Atmospheres with flammable gases or combustible dust. For flammable gases these enclosures must satisfy the requirements according to EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements according to EN 50281-1-1.

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

When using the jumpers to achieve a skipped bridging of protective terminal block QTCU 2,5-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.



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