



# (1) UK - Type Examination Certificate

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – **UKSI 2016:1107 (as amended)**

(3) UK - Type Examination Certificate Number

**EPS 21 UKEX 1 314 U**

**Revision 0**

(4) Component: Mini Terminal, type 07-9702-0\*2\*/\*\*\*\*

(5) Manufacturer: Bartec GmbH

(6) Address: Max-Eyth-Str. 16  
97980 Bad Mergentheim  
Germany

(7) This component and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services United Kingdom Limited, approved body No. 8507 in accordance with UKSI 2016:1107 (as amended) Part 4, certifies that this component has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Schedule 1 of UKSI 2016:1107 (as amended). The examination and test results are recorded in the confidential documentation under the reference number 21TH0299.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:


**EN IEC 60079-0:2018/AC:2020**

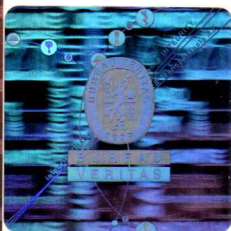
**EN IEC 60079-7:2015/A1:2018**

(10) The sign "U" placed behind the certificate number indicates that this certificate shall not be confounded with certificates issued for equipment or protective systems. This certificate is valid for a component without an autonomous function in sense of UKSI 2016:1107 (as amended) and does not authorize for the UK-marking to be applied according to regulation 39 (3). This component certificate only serves as a basis for the issuing of certificates for equipment or protective systems.

(11) This UK - Type Examination Certificate relates only to the design and construction of the specified component in accordance with UKSI 2016:1107 (as amended). Further requirements apply to the manufacture of this component and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the component shall include the following:

 II 2G Ex eb IIC Gb  
I M2 Ex eb I Mb



Certification department of explosion protection

Ulrich Feike

Warrington, 2022-03-18

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services United Kingdom Limited. EPS 21 UKEX 1 314 U, Revision 0.



(13)

## Annex

(14) **UK - Type Examination Certificate EPS 21 UKEX 1 314 U**

**Revision 0**

(15) Description of component:

Mini terminal, type 07-9702-0\*2\*/\*\*\*\* with four or six clamping units, composed of insulating envelope (polyester or polyamide) and connection facilities with screws.

Accessories: partition plates, bridging elements and anti-rotation devices. The terminal is fastened by appertaining special screws.

The terminal is used to connect copper conductors in terminal compartments of the type of protection increased safety "e".

Electrical data:

Rated voltage, max: 400 V

Operating voltage: 440 V

Rated operating current: 24 A

Rated cross section, max: 2.5 mm<sup>2</sup> (single-core, finely stranded and stranded)

Temperature: at max rated current and rated conductor size DELTA T up to 40K

Numbers of independent poles: 2 up to 3

(number of independent clamping points)

Numbers of clamping points each pole: 2

Rated connecting capacity: 0.2 mm<sup>2</sup> to 2.5 mm<sup>2</sup> (depending on kind of wire)

Service temperature range: -55 °C to +120 °C

(16) Reference number: 21TH0299

(17) Notes for manufacture, installation and operation:

Within the scope of the service temperature range, these terminals may be used in electrical apparatus - above all in connection and junction boxes - for temperature classes T1 to T6.

When the terminals are installed in a terminal compartment - at least of the degree of protection IP 54 - the requirements according to EN IEC 60079-0 must be met.

Concerning the use of accessories, the instructions of the manufacturer must be considered.

These terminals may be fixed only with the appertaining special screws.

(18) Essential health and safety requirements:

Met by compliance with standards.



Warrington, 2022-03-18

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