

EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU

(3) EU - Type Examination Certificate Number

EPS 14 ATEX 1 689 X

Revision 1

(4) Equipment: Built-in switch mini type 07-2501-****/****

(5) Manufacturer: BARTEC GmbH

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

(7) This equipment 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 Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment 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 Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 13TH0495.

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


EN 60079-0:2012+A11:2013

EN 60079-1:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

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

 II 2G Ex db IIC T6, T5 Gb



Hamburg, 2018-03-09



(13)

Annex

(14) **EU - Type Examination Certificate EPS 14 ATEX 1 689 X**

Revision 1

(15) Description of equipment:

The built-in switch mini type 07-2501-****/**** is used as equipment or utility power switch for signal and control circuits. The connection is made by cemented hose cables.

Technical data:

Type	max. rated current	max. rated voltage
07-2501-5****/****	AC 1 A	AC 250 V
07-2501-6****/****	AC 5 A	AC 250 V
	DC 5 A	DC 0-15 V
	DC 3 A	DC 15-30 V
07-2501-7****/****	DC 0.4 A	DC 30 V

Number of conductors⁽¹⁾: 2 or 3
 Cross section⁽¹⁾: 0.5 or 0.75 mm²
 Ambient temperature range⁽¹⁾: Max. -60 °C ≤ T_a ≤ +75 °C (T6),
 Max. -60 °C ≤ T_a ≤ +90 °C (T5)

(1) = Type depending values

The classification of a specific temperature class depends on ambient temperature, current load, cable type and cross section. These data are defined on the marking plate and they are also provided by the manufacturer within the technical documents and instruction manual.

(16) Reference number: 13TH0495

(17) Special conditions for safe use:

The built-in switch mini shall be used within its operating range and rating according to manufacturer's documents and marking.

The built-in switch mini must be protected from mechanical damage by a tested and certified protection device according to EN 60079-0. Resistance to light exposure is fulfilled by the housing material according to EN 60079-0. The specific installation standards and manufacturer's instructions must be respected.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2018-03-09



H. Schaffer