

## Translation

# EU-Type Examination Certificate

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

EU-Type Examination Certificate Number: **BVS 08 ATEX E 156** Issue: **01**

Equipment: **Pull-wire emergency stop switch Type EX-T3Z 068-\*YR-\***

Manufacturer: **K.A. Schmersal GmbH & Co. KG**

Address: **Möddinghofe 30, 42234 Wuppertal, Germany**

This product and any acceptable variations thereto are specified in the appendix to this certificate and the documents referred to therein.

DEKRA Testing and Certification GmbH, Notified Body number 0158, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential Report No. BVS PP 08.2193 EU/N5. This issue of the EU-Type Examination Certificate replaces the previous issue of the EC-Type Examination Certificate BVS 08 ATEX E 156 including supplement 1.

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

**EN IEC 60079-0:2018**  
**EN 60079-31:2014**

**General requirements**  
**Protection by Enclosure "t"**

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:



**II 2D Ex tb IIIC T90°C Db**

DEKRA Testing and Certification GmbH  
Bochum, 2023-05-22

Signed: Dr. Rolf Krökel

Managing Director



Page 1 of 3 of BVS 08 ATEX E 156 Issue 01 – Jobnumber A 20210691 / 342365700  
This certificate may only be reproduced in its entirety and without any change.

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## 13 Appendix

## 14 EU-Type Examination Certificate

**BVS 08 ATEX E 156 issue 01**

## 15 Product description

### 15.1 Subject and type

**Pull-wire emergency-stop switch**

**EX-T3Z 068-\*YR-\***

**EX-T3Z 068-[1]YR-[2]**

#### [1] Contact Versions

11	1 NO contacts / 1 NC contact
22	2 NO contacts / 2 NC contacts
33	3 NO contact / 3 NC contacts

#### [2] Special versions

(Blank)	Silver contacts
1637	Gold-plated contacts 0.3µm

### 15.2 Description

The pull-wire emergency stop switch is mounted on machines and sections of plants which are not protected by protective coverings.

The pull-wire emergency stop switch has wire-breakage monitoring.

the device consists of a metallic single-chamber housing in the protection type protection by enclosure "t" with a built-in switching insert. On the front side, varying to type and design, is the actuating part, which operates the switching insert within the enclosure. On the side of the housing, right and left are entries for cable glands. At the bottom of the enclosure is the equipotential bonding connection.

#### Reasons for this issue

- Change to Directive 2014/34/EU
- Updating of the standards
  - EN 60079-0:2012 to EN IEC 60079-0:2018
  - EN 60079-31:2009 to EN 60079-31:2014
- Additional information label on the enclosure and in the instructions
- Updating the Type codes
- Changing the size of equipotential bonding conductor connection

### 15.3 Parameters

#### 15.3.1 Electrical data

Voltage	AC 230 V
	DC 24 V
Current	2.5 A / 6 A

#### 15.3.2 Thermal data

Maximum surface temperature T	+90°C
Permitted ambient temperature	-20°C to +60°C

#### 15.3.3 Type of protection according to EN 60529

IP66



16 **Report Number**

BVS PP 08.2193 EU / N5, as of 2023-05-22

17 **Specific Conditions of Use**

None

18 **Essential Health and Safety Requirements**

Met by compliance with the requirements mentioned in item 9.

19 **Remarks and additional information**

Drawings and documents are listed in the confidential report.

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We confirm the correctness of the translation from the German original.  
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH  
Bochum, 2023-05-22  
BVS-DDO/MGR A 20210691 / 342365700



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Managing Director