EU-Type Examination Certificate (1)

Product Service

TRANSLATION

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - Directive 2014/34/EU

(3) Number of Certificate of EU-Type Examination:

TPS 21 ATEX 062486 0017 X Issue 00

Electric strike (4)Equipment: Type: EX118R/Ex138R

ASSA ABLOY Sicherheitstechnik GmbH Manufacturer: (5)

(6)Address: Bildstockstr. 20 72458 Albstadt

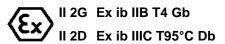
(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

TÜV SÜD Product Service GmbH, notified body No. 0123 in accordance with Article 17 of the Council (8) Directive 2014/34/EU of the European Parliament and of the Council dated 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 report 713192436.

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

> EN IEC 60079-0:2018 EN 60079-11:2012

- 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 schedule to this certificate.
- This EU-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturer and supply of this equipment.
- The marking of the equipment shall include the following:



Certification body Explosion Protection Ridlerstraße 65, 80339 Munich

Munich, 12.04.2021

Stefan Vierbücher

Page 1 / 3

EU-Type Examination Certificate without signature shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH. In case of dispute, the German text shall prevail.

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TÜV SÜD Product Service GmbH • Certification Body • Ridlerstrasse 65 • 80339 Munich • Germany





(13) Schedule Product Service

(14) EU-Type Examination Certificate TPS 21 ATEX 062486 0017 X Issue 00

(15) Description of equipment:

The intrinsically safe apparatus EX118R/EX138R is an electric strike for use in hazardous areas with potentially explosive gas or dust atmospheres. The device is designed for use in zone 1 or 2, as well as zone 21 or 22 with an ignition energy of more than 3 mJ. It is designed in type of protection "ib".

The coil of the electric strike and the contact switch form two independent intrinsically safe circuits. To operate the EX118R/EX138R, for each circuit a corresponding intrinsically safe apparatus is required.

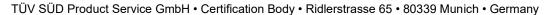
The ATEX electric strike EX118R is suitable for use in fire doors.

Technical specification:

Intrinsically safe parameters		(Connection electric strike)		
	Ui	15,6	V	
	li	160	mA	
	P_i	2,5	W	
	C_{i}	negligible		
	Li	negligible		
		(Contact switch)		
	Ui	10	V	
	li	400	mA	
	P_i	48	mW	
	C_i	negligible		
	Li	negligible		
with 40 m commention calcle				
with 10 m connection cable	0	0.77		
	Cc	0,77	nF	
ith 05ion ooklo	Lc	6,8	μΗ	
with 25 m connection cable	_	1.00		
	Сс	1,93	nF	
	Lc	17	μΗ	
Insulation voltage				
between the two intrinsically safe		500	VAC	
circuits		000	V/10	
between enclosure and any of the		500	VAC	
two intrinsically safe circuits		000	.,.0	
the manifestary date offerto				
Ambient temperature		-20 °C ≤	-20 °C ≤ T _a ≤ +50 °C	

Page 2 / 3

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Types

EX118R Fail Secure, the door is locked, if unpowered	
LATION	i all Secure, the door is locked, if dispowered
EX138R Fail Safe, the door is unlocked, if unpowered	

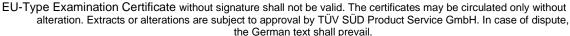
The following models differ in their mechanical design regarding fastening and closing, which does not affect explosion protection.

EX118R, EX11820, EX11823, EX11824, EX118VR EX138R, EX13820, EX13823, EX13824, EX138VR

- (16) Test report: 713192436
- (17) Special conditions for safe use:
 - a) Extended ambient temperature (refer to technical specification)
 - b) The connection area covered with the white encapsulation must be checked for damage before installation and at every maintenance. The device may only be used if the encapsulation is intact
 - c) Ensure that the device is not exposed to UV radiation during storage
- (18) Essential health and safety requirements:

met by standards

Page 3 / 3



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