IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx EPS 26.0035X**	Page 1 of 4	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2026-05-19		
Applicant:	**PULS GmbH** Elektrastr. 6, 81925 Muenchen **Germany**		
Equipment:	**PISA-M 4 Channel Protection Module**		
Optional accessory:			
Type of Protection:	**Increased safety "ec"**		
Marking:	Ex ec IIC T4 Gc		

Approved for issue on behalf of the IECEx Certification Body: **Dr. Rainer Jany**

Position: **Manager Certification**

Signature: (for printed version)

Date: (for printed version) 2026-05-19

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany

IECEx Certificate of Conformity

Certificate No.: **IECEx EPS 26.0035X**

Date of issue: 2026-05-19

Issue No: 0

Manufacturer: **PULS GmbH**
Elektrastr. 6, 81925 Muenchen
Germany

Manufacturing locations: **PULS Investicni s.r.o.**
Prazska 5639
43001 Chomutov
Czech Republic

PULS ELECTRONICS (SUZHOU) CO LTD
No. 1 Rui-en Lane Xingpu Road
Suzhou Industrial Park
Suzhou City Jiang Su Province 21512
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

DE/EPS/ExTR26.0027/00

Quality Assessment Report:

DE/EPS/QAR12.0010/25

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The PISA-M devices are miniature 4-channel protection modules for DC 12 V and DC 24 V systems providing all benefits of electronic circuit breakers in a tiny DIN rail mountable housing: Fully adjustable current tripping setpoints for 4 independent output channels in one device – including selection of tripping characteristic combined with different options for remote signaling and communication, enabling remote configuration, monitoring and control.

The PISA-M supports multiple, user-selectable, signaling and communication methods, allowing the selection of simple alerts and the reset function.

All devices are designed for installation in an enclosure providing protection against electrical, mechanical and fire hazards and are intended for general use such as in industrial control, power distribution and instrumentation equipment.

Family nomenclature

PISA-M-abb-dd-ee or
PISA-M-accc-dd-ee

PISA Brand name
M Mini
a Number of output channels

bb Output current per channel
- **02** 2 A output current per channel
- **04** 4 A output current per channel
- **06** 6 A output current per channel, max. 20 A in total
- **08** 8 A output current per channel, max. 20 A in total

ccc Indicates special product variant
- **ADJ** Adjustable output current between 1 and 8 A per channel, max. 20 A in total
- **CL2** NEC Class 2 power sources

dd Can be blank or.
- **C1** Conformally coated pc-boards

ee Can be blank or a 2-digit number
- **00-49** or **70-89** Consecutive number for slightly modified variants with only minor non-safety-relevant deviations which are covered by the test reports and certificates. ,

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The equipment shall be installed in an enclosure that provides a degree of protection not less than IP54 in accordance with IEC 60079-0.
- The input must be powered from a PELV or SELV source.
- The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.
- Do not connect or disconnect the device or operate the push buttons unless power has been switched off or the environment is known to be non-hazardous.
- The maximum permissible ambient temperature of the device (70 °C) must not be exceeded by any external heat sources. Therefore, sufficient clearance must be maintained between the device and any other heat sources.

IECEx Certificate of Conformity

Additional information:
Electrical data:

PISA-M-4ADJ
Input: DC 12-24 V, 20 A
Output: 4 Channels each 1/2/4/6/8 A selectable
Output current: max. 20 A total

PISA-M-4CL2
Input: DC 12-24 V, 20 A / 15 A
Output: 4 NEC Class 2 Channels,
5 A at 12 V, 3.75 A at 24 V

PISA-M-402
Input: DC 12-24 V, 8 A
Output: DC 12-24 V, 4 Channels each 2 A
Output current: max. 8 A total

PISA-M-404
Input: DC 12-24 V, 16 A
Output: DC 12-24 V, 4 Channels each 4 A
Output current: max. 16 A total

PISA-M-406
Input: DC 12-24 V, 20 A
Output: DC 12-24 V, 4 Channels each 6 A
Output current: max. 20 A total

PISA-M-408
Input: DC 12-24V, 20A
Output: DC 12-24V, 4 Channels each 8 A
Output current: max. 20 A total

Rated Ambient Temperature: -25 °C to +70 °C