



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx EPS 14.0007X Issue No: 2 Certificate history:  
Status: **Current** Page 1 of 4 Issue No. 2 (2016-09-12)  
Date of Issue: **2016-09-12** Issue No. 1 (2016-01-21)  
Applicant: **PULS GmbH** Issue No. 0 (2014-03-14)  
Arabellastr. 15, 81925 München, Germany  
**Germany**  
Equipment: **QS40.241\*, QS40.361\*, QS40.481\*, QS40.244-A1, QS40.484-A1**  
*Optional accessory:* *(\*optional with suffix "-C1")*  
Type of Protection: **nA nC**  
Marking:  
QS40.241, QS40.244-A1, QS40.484-A1: Ex nA nC IIC T4 Gc  
QS40.361, QS40.481: Ex nA nC IIC T3 Gc  
-25 °C to +70° C (de-rating above 60 °C)

Approved for issue on behalf of the IECEx  
Certification Body:

Dieter Zitzmann

Position:

Manager Certification

Signature:  
(for printed version)

Date:

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

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





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Manufacturer: PULS GmbH  
Arabellastr. 15, 81925 München, Germany  
Germany

Additional Manufacturing location(s):

**PULS Investicni s.r.o.**

Prazska 5639  
43001 Chomutov  
Czech Republic

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 electrical apparatus 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 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0  
**IEC 60079-15 : 2010** Explosive atmospheres - Part 15: Equipment protection by type of protection "n"  
Edition:4

*This Certificate **does not** indicate compliance with electrical 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/ExTR14.0008/02](#)

Quality Assessment Report:

[DE/EPS/QAR12.0010/05](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

Power Supply series

QS40.241\*, QS40.361\*, QS40.481\*, QS40.244-A1, QS40.484-A1

QS40.241, QS40.361, QS40.481 only: optional suffix "-C1" stands for coating of the printed circuit board; no safety relevance.

### CONDITIONS OF CERTIFICATION: YES as shown below:

The equipment shall be installed in an enclosure that provides a degree of protection not less than IP 54 in accordance with IEC 60079-15. The equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

Output power de-rating conditions according to manufacturer's instructions must be considered for operation at ambient temperature > 60 °C.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Extension of ambient temperature range from 60 °C to 70 °C.

Output power must be reduced at temperatures > 60 °C.