



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

Certificate No.: issue No.: Certificate history:

Status:

Date of Issue: **2013-07-10** Page 1 of 3

Applicant: **PULS GmbH**
Arabellastraße 15
81925 München
Germany

Electrical Apparatus: **CPS20.241, CPS20.121, CPS20.361, CPS20.481, CPS20.241-D1, CPS20.481-D1, SLA3.100 (all models optional with suffix "-C1")**
Optional accessory:

Type of Protection: **nA / nA nC**

Marking: Ex nA nC IIC T3 Gc (CPS20...)
Ex nA IIC T3 Gc (SLA3.100)

Approved for issue on behalf of the IECEX Certification Body: Dieter Zitzmann

Position: Certification Department

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.

Certificate issued by:

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



IECEX Certificate of Conformity

Certificate No.: IECEX EPS 13.0016X

Date of Issue: **2013-07-10** Issue No.: **0**
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Manufacturer: **PULS GmbH**
Arabellastraße 15
81925 München
Germany

Additional Manufacturing location
(s):

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/EXTR13.0011/00](#)

Quality Assessment Report:
[DE/EPS/QAR12.0010/00](#)



		IECEx Certificate of Conformity	
Certificate No.:	IECEx EPS 13.0016X	Issue No.:	0
Date of Issue:	2013-07-10	Page 3 of 3	
Schedule			
EQUIPMENT: <i>Equipment and systems covered by this certificate are as follows:</i>			
CPS20.241, CPS20.121, CPS20.361, CPS20.481, CPS20.241-D1, CPS20.481-D1, SLA3.100 (all models optional with suffix '-C1')			
CONDITIONS OF CERTIFICATION: YES as shown below:			
The equipment must be built into an enclosure or cabinet with min. IP54.			

IECEX Technical Report: DE/EPS/ExTR13.0011/00 details

ExTR :	
ExTR Reference Number*: (automatic numbering)	DE/EPS/ExTR13.0011/00
Status*:	Issued
ExTR Free Reference Number*:	13TH0193-60079_0
Date of Issue*: (yyyy-mm-dd)	2013-07-10
List of Standards Covered*:	IEC 60079-0 (Ed.6.0); IEC 60079-15 (Ed.4)
Issuing ExTL*:	EPS - Bureau Veritas Consumer Products Services Germany GmbH
Endorsing ExCB*:	EPS - Bureau Veritas Consumer Products Services Germany GmbH
Manufacturer*:	PULS GmbH Arabellastraße 15 81925 München
Country of Manufacture*:	Germany
Ex Protection*:	Ex nA nC IIC T3 Gc (CPS20...) Ex nA IIC T3 Gc (SLA3.100)
Ratings:	<p>_____</p> <p>CPS20.241: Input 100-240V; 50-60Hz; 6,4-2,7A Output 24-28Vdc; 20,0-17,1A (max. 60°C ambient) 24-28Vdc; 24,0-20,6A (max. 45°C ambient)</p> <p>_____</p> <p>CPS20.121: Input 100-240V; 50-60Hz; 4,9-2,2A Output 12-15Vdc; 30A (max. 60°C ambient)</p> <p>_____</p> <p>CPS20.361: Input 100-240V; 50-60Hz; 6,4-2,7A Output 36-42Vdc; 13,3-11,4A (max. 60°C ambient) 36-42Vdc; 16,0-13,7A (max. 45°C ambient)</p> <p>_____</p> <p>CPS20.481: Input 100-240V; 50-60Hz; 6,4-2,7A Output 48-56Vdc; 10,0-8,6A (max. 60°C ambient) 48-56Vdc; 12,0-10,3A (max. 45°C ambient)</p> <p>_____</p> <p>CPS20.241-D1: Input 110-300Vdc; 6,2-2,3A Output 24-28Vdc; 20,0-17,1A (max. 60°C ambient) 24-28Vdc; 24,0-20,6A (max. 45°C ambient)</p> <p>_____</p> <p>CPS20.481-D1: Input 110-300Vdc; 6,2-2,3A Output 48-56Vdc; 10,0-8,6A (max. 60°C ambient) 48-56Vdc; 12,0-10,3A (max. 45°C ambient)</p> <p>_____</p> <p>SLA3.100: Input 100-120/220-240V; 50-60Hz; 2,0/0,9A Output 30,5V; 2,8A</p> <p>_____</p>
Product*:	Power Supply
Model Reference*:	CPS20.241, CPS20.121, CPS20.361, CPS20.481, CPS20.241-D1, CPS20.481-D1, SLA3.100 (all models optional with suffix "-C1")
Related IECEx Certificates:	IECEX EPS 13.0016X issue: 0 [Current]
Comment:	The equipment must be built into an enclosure or cabinet with min. IP54.
Attachment:	