



**BUREAU
VERITAS**

(1) **EC-Certificate of Conformity**



(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres –
Directive 94/9/EC

(3) EC-Certificate of Conformity Number:

EPS 10 ATEX 1 269 X

Revision: 2

(4) Equipment: TSPC 050-112, TSPC 050-124, TSPC 080-112, TSPC 080-124,
TSPC 120-124, TSPC 120-148, TSPC 240-124, TSPC 240-148,
TSPC 240-124UPS, TSPC 480-124, TSPC 480-148

(5) Manufacturer: Traco Electronic AG

(6) Address: Sihlbruggstr. 111, CH-6340 Baar, Switzerland

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, 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 10TH0037.

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

EN 60079-0:2012

EN 60079-15:2010

(10) 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.

(11) This EC-Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:

 II 3G Ex nA IIC T4 Gc

 II 3G Ex nA nC IIC T4 Gc

Certification department of explosion protection

Türkheim, April 01, 2014



D. Zitzmann





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(13)

Annexe 1

(14) **EC-Certificate of Conformity EPS 10 ATEX 1 269 X**

(15) Description of equipment:

Power supply series with mains input and isolated d.c. output. The d.c. UPS is connected to a battery and is used to supply the load if the mains or power supply fails.

Electrical data:

(see Annexe 2)

(16) Test report: 10TH0037

(17) Special conditions for safe use:

1. 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.

2. The connector / cable for the signal terminal must be secured in the final installation to avoid unintentional disconnection. The connection must comply with the requirements for pluggable connections, clause 7.3.5 of IEC 60079-15.

(18) Essential health and safety requirements:

Met by standards.

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Annexe 2

EC-Certificate of Conformity EPS 10 ATEX 1 269 X

Input:	
TSPC 050-112:	100 - 240 Vac; 1,10 - 0,70 A, 50/60 Hz
TSPC 050-124:	100 - 240 Vac; 1,10 - 0,70 A, 50/60 Hz
TSPC 080-112:	100 - 120/220 - 240 Vac; 1,90/1,10 A, 50/60 Hz
TSPC 080-124:	100 - 120/220 - 240 Vac; 1,70/1,00 A, 50/60 Hz
TSPC 120-124:	100 - 120/220 - 240 Vac; 2,50/1,40 A, 50/60 Hz
TSPC 120-148:	100 - 120/220 - 240 Vac; 2,80/1,50 A, 50/60 Hz
TSPC 240-124:	100 - 120/220 - 240 Vac; 5,10/2,20 A, 50/60 Hz
TSPC 240-148:	100 - 120/220 - 240 Vac; 5,40/2,40 A, 50/60 Hz
TSPC 240-124UPS:	100 - 120/220 - 240 Vac; 5,10/2,50 A, 50/60 Hz (Battery input: 13,60 Vdc/30 A)
TSPC 480-124:	100 - 120/220 - 240 Vac; 9,10/3,60 A, 50/60 Hz
TSPC 480-148:	100 - 120/220 - 240 Vac; 9,10/4,10 A, 50/60 Hz
12V Output (adjustable from 12 – 14 Vdc)	
TSPC 050-112	12 Vdc; 4,00 A
TSPC 080-112	12 Vdc; 6,60 A
24V Output (adjustable from 24 – 28 Vdc)	
TSPC 050-124	24 Vdc; 2,10 A
TSPC 080-124:	24 Vdc; 3,30 A
TSPC 120-124:	24 Vdc; 5,00 A
TSPC 240-124:	24 Vdc; 10,00 A
TSPC 480-124:	24 Vdc; 20,00 A
TSPC 240-124UPS	24Vdc; 10,00 A
48V Output (adjustable from 48 – 56 Vdc)	
TSPC 120-148	48 Vdc; 2,50 A
TSPC 240-148	48 Vdc; 5,00 A
TSPC 480-148	48 Vdc; 10,00 A

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