



ATEX certificate:

EN

EPS 12 ATEX 1424 X

for

APF 20x



Meggitt SA
Route de Moncor 4
PO Box 1616
CH - 1701 Fribourg
Switzerland

THIS PAGE INTENTIONALLY LEFT BLANK




EC Certificate of Conformity

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

(2) EC Certificate of Conformity Number: **EPS 12 ATEX 1 424 X**

(3) Equipment: **GP 7 SNT xxxV xxV** (see appendix Datasheet No. 1)

(4) Manufacturer: **Weidmüller Interface GmbH Co. KG**

(5) Address: **Klingenbergstraße 16, 32758 Detmold, Germany**

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

(7) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 5 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 06KFS169.

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

EN 60079-0:2009 EN 60079-15:2010

(9) 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.

(10) 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.

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



II 3G Ex nA nC IIC T4 Gc




II 3G Ex nA nC IIC T3 Gc




Certification department of explosion protection
D. Zilmann
Turkheim, May 14, 2012

Page 1 / 4

Certificates without signature are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. This certificate is internally administrated under the following number: 12.071



Annexe

EC-Certificate of Conformity EPS 12 ATEX 1 424 X


(13) Description of equipment: The series is a range of power supplies for installation on DIN rail. It is supplied from a single phase mains and provides a galvanically separated d.c. output with power from 72W to 600W and voltages 12V, 24V or 48V. The devices are rated T4 with full output power up to 40°C ambient temperature and T3 with reduced output power above 40°C up to 70°C.

(14) Electric data:
See appended Datasheet No. 1 and Datasheet No. 2.

(15) Test report: 06KFS169

(16) Special conditions for safe use: The equipment must be installed in an IP54 (min.) enclosure in the end-product. The enclosure / cabinet must comply with the requirements of EN 60079-16:2010.

(17) Essential health and safety requirements:
Met by standards.



Certification department of explosion protection
D. Zilmann
Turkheim, May 14, 2012

Page 2 / 4

Certificates without signature are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. This certificate is internally administrated under the following number: 12.071



BUREAU
VERITAS

Datasheet No. 1

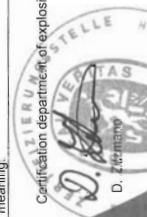
EC-Certificate of Conformity EPS 12 ATEX 1 424 X

Ratings					
Model	I _{in}	I _{in}	U _{out}	I _{out} (@ 40°C)	P _{out} (@ 40°C)
CPT SNT 70W 12V 6A	100-240Vac (85-264Vac)**	2A - 1A	12Vdc (12-14Vdc)***	6A	72W
CPT SNT 90W 24V 3.8A	100-240Vac (85-264Vac)**	2.1A - 1A	24Vdc (24-28Vdc)***	3.75A	90W
CPT SNT 140W 12V 12A	100-240Vac (85-264Vac)**	4A - 2A	12Vdc (12-14Vdc)***	12A	144W
CPT SNT 180W 24V 7.5A	100-240Vac (85-264Vac)**	4A - 2A	24Vdc (24-28Vdc)***	7.5A	180W
CPT SNT 360W 24V 15A	100-240Vac (85-264Vac)**	6A - 3A	24Vdc (24-28Vdc)***	15A	360W
CPT SNT 600W 24V 25A	100-240Vac (85-264Vac)**	10A - 5A	24Vdc (24-28Vdc)***	25A	600W
CPT SNT 90W 48V 2A	100-240Vac (85-264Vac)**	2.1A - 1A	48Vdc (48-56Vdc)***	2A	90W
CPT SNT 180W 48V 4A	100-240Vac (85-264Vac)**	4A - 2A	48Vdc (48-56Vdc)***	4A	192W
CPT SNT 360W 48V 7.5A	100-240Vac (85-264Vac)**	6A - 3A	48Vdc (48-56Vdc)***	7.5A	360W
CPT SNT 600W 48V 12.5A	100-240Vac (85-264Vac)**	10A - 5A	48Vdc (48-56Vdc)***	12.5A	600W

*alternative the unit might be marked with: 115/230Vac or 115-240Vac
 ** mains supply tolerance
 ***adjustable
 Suffix "xx" may be used for all models and can be any letter or digit; no safety relevant meaning.

Certification department of explosion protection

Türkheim, May 14, 2012



BUREAU
VERITAS

Datasheet No. 2

EC-Certificate of Conformity EPS 12 ATEX 1 424 X

De-Ratings	
The unit is rated Temperature class T4 (135°C) for an ambient temperature of 40°C at rated load and temperature class T3 for an ambient of 70°C with derating.	
AMBIENT DERATING (output power in %):	
CPT SNT 70W 12V 6A:	90% @ 50°C 78% @ 60°C 53% @ 70°C
CPT SNT 90W 24V 3.8A:	85% @ 30°C 65% @ 60°C 45% @ 70°C
CPT SNT 140W 12V 12A:	90% @ 50°C 78% @ 60°C 53% @ 70°C
CPT SNT 180W 24V 7.5A:	85% @ 50°C 65% @ 60°C 45% @ 70°C
CPT SNT 360W 24V 15A:	85% @ 50°C 65% @ 60°C 45% @ 70°C
CPT SNT 600W 24V 25A:	92% @ 50°C 80% @ 60°C 45% @ 70°C
CPT SNT 90W 48V 2A:	85% @ 50°C 65% @ 60°C 45% @ 70°C
CPT SNT 180W 48V 4A:	85% @ 50°C 65% @ 60°C 45% @ 70°C
CPT SNT 360W 48V 7.5A:	92% @ 50°C 80% @ 60°C 45% @ 70°C
CPT SNT 600W 48V 12.5A:	92% @ 50°C 80% @ 60°C 45% @ 70°C
INPUT VOLTAGE DERATING (output power in %):	
All models:	65% @ 85V ac
All models:	80% @ 90V ac

Certification department of explosion protection

Türkheim, May 14, 2012

