

(1) **Certificate of Conformity**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Certificate Number:

EPS 09 ATEX 1 215 X

Revision 4

(4) Equipment: Power supply (built-in):
EOE11010006, EOE12010002, EOE12010005, EOE13010007

(5) Manufacturer: Delta Electronics (Thailand) Public Co., Ltd.

(6) Address: 909 Soi 9, Moo 4, Bangpoo Industrial Estate (E.P.Z.), Pattana 1 Road, Tambol Phraksas, Amphur Muang, Samutprakarn 10280, THAILAND

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

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment 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 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 09TH0220.

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

EN IEC 60079-0:2018


EN IEC 60079-7:2015+A1:2018

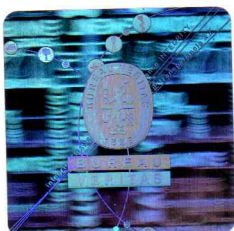
EN 60079-15:2010

(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 Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

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

 II 3G Ex ec IIC T4 Gc
II 3G Ex ec nC IIC T4 Gc



Certification department of explosion protection

Hamburg, 2021-04-29

H. Schaffer





**BUREAU
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(13)

Annexe

(14) **Certificate of Conformity EPS 09 ATEX 1 215 X**

Revision 4

(15) Description of equipment:

The equipment under test is a series of AC/DC power supplies for built-in use. The power supplies are supplied by mains voltage and provide isolated d.c. output voltage.

Ambient temperature is from -20°C to +80°C with de-rating of the output power as shown below: 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.

The equipment is type of protection "ec"; for model EOE13010007 type of protection "nC" was applied for the relays only.

Electrical data:

<p><u>EOE11010006 or DRP024V060W1AX²⁾</u> Input: 100-240 Vac 50-60 Hz 1,5 A Operational: 90-264 Vac or 120-375 Vdc Output: 24 Vdc 2,5 A (22-28 Vdc max. 60 W) Ambient: -20°C ≤ Ta ≤ +80°C</p>	<p><u>EOE12010002 or DRP024V120W1AX¹⁾</u> Input: 100-240 Vac 50-60 Hz 2 A Operational: 90-264Vac or 120-375Vdc Output: 24 Vdc 5 A (22-28 Vdc max. 120 W) Ambient: -20°C ≤ Ta ≤ +80°C</p>
<p><u>EOE12010005 or DRP024V240W1AX¹⁾</u> Input: 100-240 Vac 50-60 Hz 5 A Operational: 90-264Vac 120-375Vdc Output: 24 Vdc 10 A (22-28 Vdc max. 240 W) Ambient: -20°C ≤ Ta ≤ +80°C</p>	<p><u>EOE13010007 or DRP024V480W1AX¹⁾</u> Input: 100-240 Vac 50-60 Hz 7,0 A Operational: 90-264 Vac or 120-375 Vdc Output: 24 Vdc 20 A (22-28 Vdc max 480 W) Ambient: -20°C ≤ Ta ≤ +80°C</p>
<p>Output power derating for ambient temperatures ≥ 50°C, see 'General Product Information'. 1) (X: A-Z, 0-9 or blank) 2) (X: A-Y, 0-9 or blank)</p>	

(16) Reference number: 09TH0220

(17) Schedule of Limitations:

- The equipment shall be installed in an enclosure that provides a degree of protection not less than IP 54 in accordance with EN 60079-0.
- The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.
- Ambient temperature range up to +80 °C; de-rating conditions above +50 °C must be considered.



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(18) Essential health and safety requirements:

Met by standards.

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