



Certificate of Compliance

Certificate: 2248386 Master Contract: 181564 (108238_0_000)

Project: 70169979 Date Issued: 2018-02-07

Issued to: Delta Electronics (Thailand) Public Co., Ltd.
909 Soi 9 Moo 4 Pattana 1 Rd
Bangpoo Industrial Estate E.P.Z.
Tambol Phraksa
Amphur Muang, Samut Prakan 10280
THAILAND
Attention: Suttiruk Subniem

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Ravindra (Ravi) Kanthe
Ravindra (Ravi) Kanthe

PRODUCTS

CLASS - C531801 - POWER SUPPLIES-For Hazardous Locations

CLASS - C531881 - POWER SUPPLIES-For Hazardous Locations - Certified to U.S. Standards

Class I, Division 2, Groups A, B, C and D

DIN rail Component Type Switching Mode Power Supply for building-in*, Class I (grounded),

Models EOE11010006 or PSG60E; EOE11010007 or PSG60F; EOE12010002 or PSG120E; EOE12010005 or PSG240E; EOE12010006 or PSG120F; EOE12010007 or PSG240F; EOE13010007 or DRP024V480W1AX or PSG480E; EOE13010010 or PSG480F

Ratings:

Model	Input	Operational	Output	Ambient
EOE11010006 or PSG60E	100-240Vac; 50-60Hz; 1.5A	90-264Vac / 120-375Vdc	24Vdc; 2.5A (22-28Vdc max.; 60W)	-20°C ≤ Ta ≤ 80°C



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EOE11010007 or PSG60F	3 x 400-500Vac; 50-60Hz; 0.3A	3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc	24Vdc; 2.5A (22-28Vdc max.; 60W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$
EOE12010002 or PSG120E	100-240Vac; 50-60Hz; 2A	90-264Vac / 120-375Vdc	24Vdc; 5A (22-28Vdc max.; 120W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$
EOE12010005 or PSG240E	100-240Vac; 50-60Hz; 5A	90-264Vac / 120-375Vdc	24Vdc; 10A (22-28Vdc max.; 240W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$
EOE12010006 or PSG120F	3 x 400-500Vac; 50-60Hz; 0.5A max.	3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc	24Vdc; 5A, (22-28Vdc max.; 120W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$
EOE12010007 or PSG240F	3 x 400-500Vac; 50-60Hz; 0.8A max.	3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc	24Vdc; 10A; (22-28Vdc max.; 240W)	$-20^{\circ}\text{C} \leq T_a \leq 75^{\circ}\text{C}$
EOE13010007 or DRP024V480W1AX ¹⁾ or PSG480E	100-240Vac; 50-60Hz; 7.0A	90-264Vac / 120-375Vdc	24Vdc; 20A (22-28Vdc max.; 480W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$
EOE13010010 or PSG480F	3 x 400-500Vac; 50-60Hz; 1.4A	3 x 320-575Vac or 2 x 380-575Vac or 450-800Vdc	24Vdc; 20A (22-28Vdc max.; 480W)	$-20^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$

¹⁾ X: A-Z, 0-9 or blank

All models have a derating graph for ambient temperatures $\geq 50^{\circ}\text{C}$

Notes:

- The unit was evaluated as component where the suitability of the combination must be determined with the end use product.
- The unit shall be provided with an appropriate disconnect device in the end use installation
- The equipment must be installed inside a suitable enclosure or cabinet (Degree of Protection minimum Type 4 rated) in the final installation.
- The equipment shall only be used in an area of at least pollution degree 2.
- The rated ambient temperature range deviates from $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$. Therefore each Apparatus is marked with the respective temperature range on the type label. In this connection it must be considered that above an ambient temperature of $+50^{\circ}\text{C}$, the output rating must be derated according to the manufacturer's instructions.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-03 - Safety of Information Technology Equipment
 CSA-C22.2 No. 107.1-16 - General Use Power Supplies -Industrial Products
 CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
 UL Standard No 60950-1, 1st Ed - Safety of Information Technology Equipment



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ANSI/ISA-12.12.01-2007 – Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

MARKINGS

Please refer to MARKINGS section of the Descriptive Report.