



Certificate of Compliance

Certificate: 2687102 Master Contract: 181564 (108238_0_000)

Project: 70157639 Date Issued: 2017-10-31

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

Power Supply series for built-in use (DIN rail), Models: DRP024V060W3BX, DRP024V120W3BX, DRP024V240W3BX and DRP024V480W3BX.

Ratings:

Model	Input	Output
DRP024V060W3BX	3 x 400-500V; 0,3A; 50-60Hz	24Vdc; 2,5A
DRP024V120W3BX	3 x 400-500V; 0,5A; 50-60Hz	24Vdc; 5A
DRP024V240W3BX	3 x 400-500V; 0,75A; 50-60Hz	24Vdc; 10A
DRP024V480W3BX	3 x 400-500V; 1,0A; 50-60Hz	24Vdc; 20A

Deratings:



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Model	Max. Ambient Temperature	Derating	
		Vertical	Horizontal
DRP024V060W3BX	-25°C to 80°C	100% load @ 50°C, 75% load @ 60°C, 50% load @ 70°C, 25% load @ 75°C, 0% load @ 80°C	100% load @ 45°C, 75% load @ 55°C, 50% load @ 70°C, 25% load @ 75°C, 0% load @ 80°C
DRP024V120W3BX	-25°C to 80°C (vert) and 70°C (hor)		100% load @ 40°C, 75% load @ 50°C, 50% load @ 60°C, 25% load @ 65°C, 0% load @ 70°C
DRP024V240W3BX	-25°C to 80°C (vert) and 70°C (hor)	100% load @ 50°C, 75% load @ 60°C, 50% load @ 70°C, 25% load @ 75°C, 0% load @ 80°C	100% load @ 40°C, 75% load @ 50°C, 50% load @ 60°C, 25% load @ 65°C, 0% load @ 70°C
DRP024V480W3BX	-25°C to 80°C	100% load @ 50°C, 75% load @ 60°C, 50% load @ 70°C, 25% load @ 75°C, 0% load @ 80°C	N/A

Conditions of Certification

1. The Power Supply must be installed in a suitable enclosure or cabinet (Degree of Protection minimum Type 4 rated) in the final installation.
2. The equipment shall only be used in an area of at least pollution degree 2.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-10
 CSA Standard C22.2 No.0.4-M2004 (R2009)
 CSA Standard C22.2 No. 107.1-01 (R2011)
 CSA Standard C22.2 No. 213-M1987 (R2013)

CSA 60950-1-07, 2nd Edition

UL 60950-1, 2nd Edition

ANSI/ISA-12.12.01-2013

- General Requirements - Canadian Electrical Code Part II
- Bonding of Electrical Equipment
- General Use Power Supplies
- Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- Information Technology Equipment - Safety - Part 1: General Requirements
- Information Technology Equipment - Safety - Part 1: General Requirements
- Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations