



Certificate of Compliance

Certificate: 2248386 (LR 108238)

Master Contract: 181564

Project: 2248386

Date Issued: 2010/02/02

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: Kedsuda Veerasirikul

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.



Wesley Van Hill, C.E.T.

Issued by: Wesley Van Hill, C.E.T.

PRODUCTS

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -
Certified to US Standards

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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 ; EOE11010007 ; EOE12010002 ; EOE12010005
; EOE12010006 ; EOE12010007 ; EOE13010007 ;
EOE13010010

Ratings:

Model: EOE11010006

Input: 100-240Vac; 50-60Hz; 1.5A



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Operational: 90-264Vac / 120-375Vdc

Output: 24 Vdc; 2.5A (22-28Vdc max.; 60W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE11010007

Input: 3 x 400-500Vac; 50-60Hz; 0.3A

Operational: 3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc

Output: 24Vdc; 2.5A (22-28Vdc max.; 60W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE12010002

Input: 100-240 Vac; 50-60Hz; 2A

Operational: 90-264Vac / 120-375Vdc

Output: 24Vdc; 5A (22-28Vdc max.; 120W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE12010005

Input: 100-240Vac; 50-60Hz; 5A

Operational: 90-264Vac / 120-375Vdc

Output: 24 Vdc; 10A (22-28Vdc max.; 240W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE12010006

Input: 3 x 400-500Vac, 50-60Hz, 0.5A max.

Operational: 3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc



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Output: 24Vdc; 5A, (22-28Vdc max.; 120W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE12010007

Input: 3 x 400-500Vac, 50-60Hz, 0.8A max.

Operational: 3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc

Output: 24Vdc; 10A, (22-28Vdc max.; 240W)

Ambient: -20°C ≤ Ta ≤ 75°C

Model: EOE13010007

Input: 100-240Vac; 7,0A

Operational: 90-264Vac / 120-375Vdc

Output: 24Vdc; 20A (22-28Vdc max.; 480W)

Ambient: -20°C ≤ Ta ≤ 80°C

Model: EOE13010010

Input: 3 x 400-500Vac; 50-60Hz; 1,4A

Operational: 3 x 320-575Vac or 2 x 380-575Vac or 450-800Vdc

Output: 24Vdc; 20A (22-28Vdc max.; 480W)

Ambient: -20°C ≤ Ta ≤ 80°C

All models have a derating graph for ambient temperatures ≥ 50°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 built inside a suitable enclosure



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- 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. 107.1-01 - 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

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