



Certificate of Compliance

Certificate: 2435593

Master Contract: 219759

Project: 70199754

Date Issued: November 5, 2018

Issued to: Traco Power Solutions Ltd
Whitemill Industrial Estate
Wexford, Wexford
IRELAND
Attention: Wendy Walsh

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: *Adrian Zilahi*
Adrian Zilahi, P.Eng.

PRODUCTS

CLASS - C5318 01 - POWER SUPPLIES for Hazardous Locations

CLASS - C5318 81 - POWER SUPPLIES for Hazardous Locations - Certified to U.S. Standards

Class I, Division 2, Groups A, B, C and D, Temperature code T4; Ta: -25°C to +70°C

Ex nA nC IIC T4 Gc; Ta: -25°C to +70°C

Class I, Zone 2; AEx nA nC IIC T4 Gc; Ta: -25°C to +70°C

| TRACOPOWER | Input Voltage | Output |
|------------------------|---------------|------------|
| TSP-REM360 EX | 24Vdc; 15A | 24Vdc; 15A |
| TSP-REM600 EX | 24Vdc; 25A | 24Vdc; 25A |
| TSPC-DCM600 (see note) | 24Vdc; 25A | 24Vdc; 25A |

| CONVERTEC | Input Voltage | Output |
|--------------|---------------|------------|
| PARA-KON 024 | 24Vdc; 15A | 24Vdc; 15A |



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| | | |
|-------------------------|------------|------------|
| PARA-KON 048 | 24Vdc; 25A | 24Vdc; 25A |
| PARA 150.025 (see note) | 24Vdc; 25A | 24Vdc; 25A |

Notes:

- Units were evaluated as components where the suitability of the combination must be determined in the end use product by the local authority having jurisdiction.
- A suitable mechanical, electrical and fire enclosure must be provided for the end product which provides a minimum protection of IP54 and is can only be opened with the use of a tool.
- TSPC-DCM600 and PARA 150.025 use **nA** protection method only

APPLICABLE REQUIREMENTS

SA Standard C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II

C22.2 No. 107.1, 3rd Edition - General Use Power Supplies.

CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA-C22.2 No. 60079-0:07 - Electrical apparatus for explosive gas atmospheres –Part 0: General requirements

CAN/CSA-E60079-15:02 - Electrical apparatus for explosive gas atmospheres –Part 15: Type of protection "n"

UL Std. 508 17th Edition - Industrial Control 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

UL Std. No. 60079-0: 09 - Electrical apparatus for explosive gas atmospheres Part 0: General requirements

UL Std. No. 60079-15: 09 - Electrical apparatus for explosive gas atmospheres Part 15: Type of protection "n"

MARKINGS

Refer to CSA report 2435593 for marking details.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

| Project | Date | Description |
|----------------|-------------|--|
| 70199754 | 0000-00-00 | Update to report 2435593 - Redundancy module for built-in use (DIN rail) – Model TSP-REM360 and TSP-REM600, changed to Model TSP-REM360 EX and TSP-REM600 EX |
| 2435593 | 2011-07-06 | Initial Certification of Power Supplies to Class I, Division 2, Group A,B,C,D; Zone 2 Ex/AEx nA nC IIC |