

Certificate of Compliance

Certificate: 1314324 (LR 36637)

Master Contract: 152423

Project: 1314324 (Edition 1)


Date Issued: May 10, 2002

Issued to: Measurement Technology Limited
Power Court
Luton, Bedfordshire LU1 3JJ
United Kingdom

The products listed below are eligible to bear the CSA Mark shown



Issued by:


Alexander E. Kandathil, C.E.T.
Certification Specialist

Authorized by: John Verwey, P.Eng
Operations Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
XP Class I, Div. 1 & Div. 2, Gr. ABCD, Ex nC IIC, CSA Enclosure Type 4X

Model Tpa-b, TP Series Surge protectors, Rated 48 Vdc, 10 kA

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

Exia, Intrinsically Safe, Class I, Div. 1 & Div. 2, Gr. ABCD; Class II, Gr. EFG; Class III, Ex ia IIC ;
CSA Enclosure Type 4X

Model Tpa-b, TP Series Surge protectors, Entity Parameters: $V_{max} = 60 \text{ V}$, $I_{max} = 260 \text{ mA}$, $P_i = 1.2 \text{ W}$, $C_i = 0$,
 $L_i = 0$, Temperature Code T6, Max Ambient 60° C.

- Notes:
1. 'a' is replaced by 48, 32, B or BA.
 2. 48, 32, B or BA designate rated voltages of 48V, 32V, 32V and 32V respectively
 3. 'b' is replaced by N, I or G

Certificate: 1314324
Project: 1314234

Master Contract: 152423
Date: May 10, 2002

APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No 0-M1991 - General Requirements - Canadian Electrical Code Part II.
- CAN/CSA-C22.2 0.4-M1982 - Bonding and Grounding of Electrical Equipment (Protective Grounding).
- CAN/CSA-C22.2 0.5-M1982 - Threaded Conduit Entries
- CAN/CSA-C22.2 25-M1966 - Enclosures for Use in Class II Groups E, F and G Hazardous Locations.
- CAN/CSA-C22.2 30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.
- CAN/CSA-C22.2 94-M1991 - Special Purpose Enclosures.
- CAN/CSA-C22.2 157-M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.
- CAN/CSA-C22.2 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.
- CAN/CSA-C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use, Part 1: General Requirements
- CAN/CSA-C22.2 No. 1010.1B-97- Amendment 2 to CAN/CSA-C22.2 No. 1010.1-92, "Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements"
- T.I.L. No I -29 - Additional Requirements For Process Control Equipment Certified to CSA Standard CAN/CSA C22.2 No 1010.1-92
- CAN/CSA E79-0-95 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.
- E79-11-95 - Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".
- E79-15-95 - Electrical apparatus for explosive gas atmospheres. PART 15: Electrical apparatus with type of protection "n".



Supplement to Certificate of Compliance

Certificate: 1314324 (LR 36637)

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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
1314324	May 10, 2002	Transferred from LR 103652-2 (Original Submitter bought out by MTL)
-	-	Update report to include alternate construction and changes to encapsulation.