



Certificate of Compliance

Certificate: 1144106

Master Contract: 208161

Project: 2162523

Date Issued: 2009/10/23

Issued to: Meltric Corporation

4640 Ironwood Drive

Franklin, WI 53132

USA

Attention: Theresa Szabelski

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: Edward Foo, C.E.T.

Authorized by: Patricia Pasemko, Operations Manager

PRODUCTS

CLASS 6238 81 - RECEPTACLES-Attachment Plug Type and Plugs - For Hazardous Locations-Certified to U.S. Standards

CLASS 6238 01 - RECEPTACLES - Attachment Plug Type and Plugs - For Hazardous Locations

Class I, Zone 1, Ex de IIC T*; DIP A21 IP6x T** (Class II, Zone 21);

Class I, Zone 1, AEx de IIC T*; AEx tD 21 IP6x T**

T*/T**temperature codes for ambient rating, per table below



Certificate: 1144106

Master Contract: 208161

Project: 2162523

Date Issued: 2009/10/23

Industrial power socket and plug, Types DXN1 and DXN3 and DXN6. Tamb = -40 °C to +60 °C, or, -40 °C to +40 °C

Electrical characteristics:

DXN1 Rated 500V, 20A

DXN3 Rated 750V, 32A; 550V, 5A for auxiliary

DXN6 Rated 750V, 60A or 63A; 550V, 5A auxiliary

T* (Gas)/T** (Dust), Temperature codes:

Ta = -40°C to +40°C;

DXN1, T6 (Gas), T70°C (Dust)

DXN3, T6 (Gas), T78°C (Dust)

DXN6 - 60A, T6 (Gas), T80°C (Dust)

DXN6 - 63 A, T5 (Gas), T87°C (Dust)

Ta = -40°C to +60°C;

DXN1, T5 (Gas), T90°C (Dust)

DXN3, T4 (Gas), T98°C (Dust)

DXN6 - 60A, T5 (Gas), T100°C (Dust)

DXN6 - 63 A, T4 (Gas), T107°C (Dust)

Notes:

Models featuring “-VN” suffix following the 7 digit part number are not approved for use at elevated ambient.
For these models, Ta = -40 °C to + 40 °C

Special Conditions for Safe Use:



Certificate: 1144106

Master Contract: 208161

Project: 2162523

Date Issued: 2009/10/23

- Apparatus must not be exposed to mechanical impact superior to 4 Joules.
- User shall ensure good conditions and cleanliness of the socket before connecting and closing.

APPLICABLE REQUIREMENTS

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

CAN/CSA C2.22 No 60079-1:07 - Electrical apparatus for explosive gas atmospheres - Construction and Verification test of flameproof enclosures of electrical apparatus

CAN/CSA-E60079-7:02 - Electrical apparatus for explosive gas atmospheres – Part 7: Increased safety « e »

CAN/CSA-E61241-1-1:02 - Electrical apparatus for use in the presence of combustible dust – Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation – Specification for apparatus.

CAN/CSA-C22-2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II

CAN/CSA-C22-2 No. 182 - Special Use Attachment Plugs, Receptacles, and Connectors.

CSA C22.2 No.14 - Industrial Control Equipment Standard

UL 2279 - Electrical Equipment for use in Class I, Zone 0, 1 and 2 Hazardous Locations

UL 498 - Attachment plugs and Receptacles.

UL 508 - Industrial Control Equipment Standard

UL 1682 - Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Configurations

ISA 61241-0: 2006 - Electrical Apparatus for Use in Zone 20, 21 and Zone 22 Hazardous (Classified) Locations – General Requirements

ISA 61241-1:2006 - Electrical Apparatus for Use in Zone 21 and Zone 22 Hazardous (Classified) Locations – Protection by Enclosures “tD”

UL 60079-0 4th Ed - UL Standard for Safety Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements - Fourth Edition

UL 60079-1 5th Ed - UL Standard for Safety Electrical Apparatus for Explosive Gas Atmospheres – Part 1: Flameproof Enclosures “d” - Fifth Edition

UL 60079-7 4th Ed - UL Standard for Safety Explosive Atmospheres – Part 7: Equipment protection by increased safety “e” - Fourth Edition

MARKINGS



Certificate: 1144106

Master Contract: 208161

Project: 2162523

Date Issued: 2009/10/23

The following information appears on a nameplate:

- Submitter's name, trademaker : Meltric Corporation
- CSA certificate number with "X" at the end adjacent to the CSA c_US mark
- Catalogue, Model, or series designation: DXN 1 or DXN3 or DXN6
- Month and year of manufacturer, date code or serial number ; YEAR
- Rated Voltage:
- Rated Current:
- Hazardous Location designations: Class I, Zone 1, Ex de IIC T*; DIP A21 IP6x T** (Class II, Zone 21); Class I, Zone 1, AEx de IIC T*; AEx tD 21 IP6x T**

In addition to the marking above, markings clarifying the suitable area classification may also be included, such as: Class I, Zone 2 (Div 2), Groups IIC (A, B, C, D); Class II, Div 2, Groups E, F and G

- T*, T**: Temperature codes
- Outdoor and Indoor Use: IP64 minimum (IP 66-67 when connected)
- Cautions on use in hazardous locations (eg, OPEN CIRCUIT BEFORE REMOVING COVER, KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE, or, DO NOT OPEN WHEN ENERGIZED or the equivalent) on the connecting box enclosures.
- CAUTION: See Instructions before use
- Nameplate: The marking shall also comply with clauses 27 of IEC 60079-0, 12 of IEC 60079-1 and 8 of IEC 60079-7 Standards.



Supplement to Certificate of Compliance

Certificate: 1144106

Master Contract: 208161

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
2162523	2009/10/23	Update to include alternative 70 deg bend socket housing.
2051297	2009/02/18	Update to include DIP 21 rating, update ambient range to +60C max
1896769	2007/04/12	Update to cover alt. certified material Vestamid type L-R7-MHI (f1)

History

October 14, 2003 1494706 Update to include model DXN6.

November 6, 2000 1144106 Original Certification.