



# Certificate of Compliance

**Certificate:** 2702694

**Master Contract:** 208161

**Project:** 2702694

**Date Issued:** October 10, 2014

**Issued to:** Meltric Corporation

4640 Ironwood Drive  
Franklin, WI 53132  
USA

Attention: Richard Fratrack

*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.*



*Richard Dibler Jr*

**Issued by:** Richard Dibler Jr

## **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, Division 2, Groups ABCD**

**Class II, Division 1 Groups EFG ; Class III, Division 1**

**Ex e IIC; Ex tb IIIC T56°C or T76°C: IP66 (For Canada)**

**Class I, Zone 1, AEx e IIC T5 or T6; AEx tb IIIC T56°C or T76°C: IP65/IP66 (For US)**

Single power connector type SPeX series rated 600 Vac max, 600 A max not for Current Interruption; 500HP, 480/600Vac, 3 Phase, Switch Circuit: Rated 250Vac max, 6A max



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Section	Current	Gas		Dust	
		Temperature		Surface	
		Class for:		Temperature for:	
(mm 2 )	(A)	Ta max = +40°C	Ta max = +60°C	Ta max = +40°C	Ta max = +60°C
70	290	T5		T56°C	
70	235	T6	T5	T56°C	T76°C
95	415	T5		T56°C	
95	335	T6	T5	T56°C	T76°C
120	456	T5		T56°C	
120	376	T6	T5	T56°C	T76°C
150	493	T5		T56°C	
150	415	T6	T5	T56°C	T76°C
185	530	T5		T56°C	
185	450	T6	T5	T56°C	T76°C
240	570	T5		T56°C	
240	497	T6	T5	T56°C	T76°C
240	584	T5		T59°C	
300	540	T6	T5	T56°C	T76°C
400	600	T6	T5	T56°C	T76°C

Conditions of Acceptability:

1. Not for current interrupting.
2. Suffixes are added to denote colour, etc.

**APPLICABLE REQUIREMENTS**

CAN/CSA Standard C22.2 No. 0-M91	General Requirements - Canadian Electrical Code, Part II
CSA Std. C22.2 No. 182.1-07, 3rd Ed	Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type
CSA Standard C22.2 No. 213-M1987	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations



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CSA Standard C22.2 No. 25-1966	Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:07	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
CAN/CSA-C22.2 No. 60079-7:12	Explosive atmospheres – Part 7: Equipment protection by increased safety “e”
CAN/CSA-C22.2 No. 60079-31:12	Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”
CAN/CSA Standard C22.2 No. 60529:05	Degrees of Protection Provided By Enclosures (IP Code)
UL Std. No. 1682, 3rd Ed	Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type
ANSI/ISA-12.12.01-2007	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations
ANSI/ISA-60079-0 (12.00.01)-2009	Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements
ANSI/ISA-60079-7 (12.16.01)-2008	Explosive Atmospheres – Part 7: Equipment protection by increased safety “e”
ANSI/ISA-60079-31 (12.10.03)-2009	Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”
ANSI/IEC 60529-2004	Degrees of Protection Provided by Enclosures (IP Code) (identical national adoption)

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings are permanently marked on each device using adhesive label type B-434 manufactured by Brady:

- Manufacturers name: "Meltric Corp", or CSA Master Contract Number “208161”, adjacent to the CSA Mark in lieu of manufacturers name.
- Model number: As specified in the PRODUCTS section, above.
- Year and Certification number for this report, “14.2702694” located adjacent to CSA Mark.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Ambient temperature rating: As specified in the PRODUCTS section, above.



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- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- The CSA Mark with or without the “c” and/or “us” indicator
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated)
- Temperature code: As specified in the PRODUCTS section, above. (optional for T5 or T6)
- The words "WARNING - EXPLOSION HAZARD. Do not connect or disconnect unless power has been removed or the area is known to be nonhazardous."
- Due to the small size of the female device and the numerous required markings, the Cautionary marking size may be less than that required in table 18, provided all markings are still legible.
- Due to the small size of the female device and the numerous required markings, these markings indicated below appear on the smallest unit container or on an information sheet packed in the smallest unit container.
  - "Suitable for use on A Circuit Capable of delivering not more than 30,000 Symmetrical Amperes 600Volts Max when protected by a time delay Class L Fuse Style by Ferraz Shawmut/Mersen" or equivalent wording. For the US only.

*Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
2702694	Oct 10, 2014	Original Certification of Single power connector type SPeX series