



Certificate of Compliance

Certificate: 1823706

Master Contract: 231723

Project: 80006783

Date Issued: June 24, 2019

Issued To: Limatherm SA
ul. Tarnowska 1
Limanowa, ., 34-600
Poland

Attention: Honorata Janik

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

James Cotton
Issued by: James Cotton



PRODUCTS

CLASS - C441802 - OUTLET BOXES AND FITTINGS Boxes - For Hazardous Locations

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III
Ex d IIC Gb
Ex tb IIIC Db

Series XD-ID100, XD-ID100win, XD-ID100H and XD-ID100Hwin Universal Two-Compartment Instrument Housings, Type 4X, IP66, -40°C to +100°C and -40°C to +85°C for “win”. All openings for conduit and sensor connection must be in NPT threads. For Class I Group A installation, conduit seal is required within 18 inches of enclosure.

Conditions of Acceptability:

1. XD-ID100 & XD-ID100win



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Maximum power dissipation (W)						
Service Temp (°C)	Temperature Class T6 85°C	Covers without windows	Covers with windows horizontal/vertical	Temperature Class T5 100°C	Covers without windows	Covers with windows horizontal/vertical
40	$\Delta\theta \leq 40K$	N/A	26/20	$\Delta\theta \leq 55K$	N/A	38/33
55	$\Delta\theta \leq 25K$	N/A	15/11	$\Delta\theta \leq 40K$	N/A	26/20
70	$\Delta\theta \leq 10K$	N/A	5/4	$\Delta\theta \leq 25K$	N/A	15/11
85	N/A	N/A	N/A	$\Delta\theta \leq 10K$	N/A	5/4

2. Maximum number, size and position of apertures. Refer to:

Title	Drawing Number
Instrument Housing XD-ID100	1-Z-L3429
Instrument Housing XD-ID100win	1-Z-L3430
Instrument Housing XD-ID100H	1-Z-L3465
Instrument Housing XD-ID100Hwin	1-Z-L3466

3. The following ambient temperatures: -40°C to +100°C and -40°C to +85°C for “win” versions
 4. The enclosure with associated EX component certificate shall be applicable only by adhering to CSA C22.2 No. 60079-1:11 Clause D.3.10

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 0-10	General Requirements - Canadian Electrical Code, Part II
CSA Std. C22.2 No. 0.5-1982	Threaded Conduit Entries
CSA Std. C22.2 No. 25-1966	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CSA Std. C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA Std. C22.2 No. 94-M91	Special Purpose Enclosures
CAN/CSA-C22.2 No. 60529:16 (July 2016)	Degrees of protection provided by enclosures (IP Code)
CAN/CSA-C22.2 No. 60079-0:11 (December 2011)	Explosive atmospheres – Part 0: Equipment – General requirements
CAN/CSA-C22.2 No. 60079-1:11 (December 2011)	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures “d”
CAN/CSA-C22.2 No. 60079-31:12 (January 2012)	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”

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.



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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 products listed are eligible to bear the CSA Mark shown without an indicator for Canada only (indicating that products have been manufactured to the requirements of Canadian Standards).

Required marking information is shown below and shall appear on a metal nameplate or adhesive aluminum foil, which is secured to enclosure by screws.

1. Manufacturer's name: "Limatherm SA", or CSA Master Contract Number "231723", adjacent to the CSA Mark in lieu of manufacturer's name.
2. CSA certificate number: CSA 06.1823706U
3. Model number: As specified in the PRODUCTS section, above.
4. Ambient temperature rating: As specified in the PRODUCTS section, above.
5. Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
6. Enclosure ratings: As specified in the PRODUCTS section, above.
7. The CSA Mark, as shown on the Certificate of Conformity.
8. Hazardous Location designation and Method of Protection (Ex) markings: As specified in the PRODUCTS section, above (may be abbreviated).
9. Caution: "For Class I Group A installation, conduit seal is required within 18 inches of enclosure"
10. Warning "OPEN CIRCUIT BEFORE REMOVING COVER. KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE" and "GARDER COUVERCLE ÉTANCHE SI LES CIRCUITS SONT TENSION" or equivalent cast on cover.



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
80006783	2019-06-24	Update to report 1823706 with drawing updates.
70107947	2017-02-24	Update to report 1823706 to add Ex db and Ex tb Zone markings based on IECEx TRs. Correction of class number from 2258 02 to 4418 02
70006873	2014-07-23	Evaluation for update of report 1823706 to include revised drawings. Assumes no testing and minor evaluation necessary.
1823706	2006-08-30	Series XD-ID100, XD-ID100win, XD-ID100H and XD-ID100Hwin Instrument Housings - Original Certification