



Certificate of Compliance

Certificate: 70039028

Master Contract: 151336

Project: 70039028

Date Issued: January 28, 2016

Issued to: G.W. Lisk Company Incorporated

2 South St
Clifton Springs, NY 14432
USA
Attention: Tony Green

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.



Marin Banu

Issued by: Marin Banu

PRODUCTS

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1, Groups B, C and D

Ex d IIC T6/T4/T3 Gb

- Solenoid Coil model type F4**ab**, input rated up to 250V, maximum ambient temperature rating from -40°C up to +100°C, temperature code T6, T4 and T3, assigned based on specified ambient temperature and power ratings as per drawings H31556, Enclosure Rating: IP6X, X value determined by G.W. Lisk . To be used with Cover model type F4-**cd**.

a = D or K (input power type: dc constant voltage or ac constant voltage)

b = 08 or 10 (bore size range 08 = .50 inch 12.8 mm, 10 = .62 inch 16 mm)



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c = H or V (conduit Orientation: H =Horizontal, axis of entry in parallel plane of coil axis plane

V = Vertical, axis of entry in perpendicular plane of coil axis plane)

d = M or T (entry thread: M = M20x1.5, T = ½ NPT)

Ex tb IIIC T85°C, T135°C and T200°C Db

Class II, Division 1, Groups E, F and G

- Solenoid Coil model type F4**ab**, input rated up to 250V, maximum ambient temperature rating from -40°C up to +100°C, temperature code T85°C, T135°C and T200°C, assigned based on specified ambient temperature and power ratings as per drawings H31556, Enclosure Rating: IP6X, X value determined by G.W. Lisk. To be used with Cover model type F4-**cd**.

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b = 08 or 10 (bore size range 08 = .50 inch 12.8 mm, 10 = .62 inch 16 mm)

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d = M or T (entry thread: M = M20x1.5, T = ½ NPT)

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Division 1, Groups B, C and D

AEx d IIC T6/T4/T3 Gb

Class I, Zone 1

- Solenoid Coil model type F4**ab**, input rated up to 250V, maximum ambient temperature rating from -40°C up to +100°C, temperature code T6, T4 and T3, assigned based on specified ambient temperature and power ratings as per drawings H31556, Enclosure Rating: IP6X, X value determined by G.W. Lisk. To be used with Cover model type F4-**cd**.

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AEx tb IIIC T85°C, T135°C and T200°C Db

Class II, Zone 21 AEx tb

Class II, Division 1, Groups E, F and G

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c = H or V (conduit Orientation: H =Horizontal, axis of entry in parallel plane of coil axis plane

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APPLICABLE REQUIREMENTS

CAN/CSA Std. C22.2 No. 0-10	General Requirements - Canadian Electrical Code, Part II
CSA Std. C22.2 No. 25-1966(Reaffirmed 2009)	Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
CSA Std. C22.2 No. 30-M1986(Reaffirmed 2010)	Explosion-proof enclosures for use in Class I hazardous locations
FM3615:2006	Approval Standard for Explosionproof Electrical Equipment General Requirements
FM3600:2011	Approval Standard for Electrical Equipment for Use in Hazardous (Classified) Locations General Requirements
FM3616: 2011	Approval Standard for Dust-Ignitionproof Electrical Equipment General Requirements
CSA Std. C22.2 No. 142-M1987(Reaffirmed 2009)	Process Control Equipment



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CAN/CSA-C22.2 No. 60079-0:11	Electrical apparatus for explosive gas atmospheres — Part 0: General requirements
CAN/CSA-C22.2 No. 60079-1:11	Electrical apparatus for explosive gas atmospheres — Part 1: Flameproof enclosures “d”
CAN/CSA 60079-31:11	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”
CAN/CSA Std. C22.2 No. 60529:05	Degrees of Protection Provided By Enclosures (IP Code)
UL Standard 916 (<i>Fourth Edition, Dated December 17, 2007</i>)	Energy Management Equipment
ANSI/UL 60079-0 (<i>Fifth Edition, Dated October 21, 2009</i>)	Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements
ANSI/UL 60079-1 (<i>Sixth Edition, dated April 10, 2009</i>)	Electrical Apparatus for Explosive Gas Atmospheres – Part 1: Flameproof Enclosures “d”
ANSI/IEC 60529 (<i>Edition 2.1 2001 -02</i>)	Degrees of Protection Provided By Enclosures (IP Code)
ANSI/UL 60079-31 (<i>First Edition, 2008-11</i>)	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”

MARKINGS

- The CSA Mark with “C” and “US” indicators, as shown on the Certificate of Compliance;
- CSA certificate number “70039028”;
- Company name: “G.W. Lisk Co.” or CSA Master Contract Number “151336”, adjacent to the CSA Mark in lieu of manufacturer’s name;
- Model Type as specified in the PRODUCTS section, above;
- Serial number or Date of manufacturing traceable to week of manufacture;
- Electrical ratings: as specified in the PRODUCTS section, above;
- Hazardous Locations Designation: as specified in the PRODUCTS section, above;
- Enclosure rating: as specified in the PRODUCTS section, above;
- Temperature Code: as applicable, per drawings H31556;
- Power input: as applicable, per drawings H31556;
- Ambient temperature range: as applicable, per drawings H31556;
- Type of conduit entry thread: as applicable, laser marked or cast on covers per drawing H31556.

The following marking is provided on name plate:

- Warning: “Do not open while energized”.