

Certificate of Compliance

Certificate: 2437472

Master Contract: 225119

Project: 2437472

Date Issued: August 18, 2011

Issued to: Pepperl+Fuchs GmbH
Lilienthalstrasse 200
Mannheim, 68307
Germany

Attention: Mr. Gunther Rogoll

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



Kim Atkins

Issued by: K. Atkins

PRODUCTS

Class No 2258 04 - PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations
Class No 2258 84 - PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations
Certified to U.S. Standards

IS, Class I Div. 1, GP A, B, C, D T4...T6
IS, Class I, Zone 1, AEx ia IIC T4...T6
Ex ia IIC T4...T6

Intrinsically safe suppressors types: DB-LBF-II (Base unit), DB-LBF-II.I (Base unit) and following modules:
DP-LBF-II.36.DE and DP-LBF-II.36.IE.

Ratings are as follows: $V_{max} (U_i) = 30 \text{ V}$; $I_{max} (I_i) = 500 \text{ mA}$; $P_{max} (P_i) = \text{any}$; $C_i = 0 \text{ nF}$; $L_i = 0 \text{ mH}$, [FISCO parameters]. Intrinsically safe when connected as per Control Drawing reference 116-0361 and providing Intrinsically Safe circuits for Class I, Zone 0, Group IIC.

NI Class I Div. 2, GP A, B, C, D T4...T6
Class I, Zone 2, AEx nC IIC T4...T6
Ex nL IIC T4...T6

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Non Incendive Suppressors types: DB-LBF-I1 (Base unit) and DB-LBF-I1.I (Base unit) and the following modules: DP-LBF-I1.36.DE and DP-LBF-I1.36.IE.

Ratings are as follows: $V_{max} (U_i) = 33 \text{ V}$; $I_{max} (I_i) = 500 \text{ mA}$; $P_{max} (P_i) = \text{any}$; $C_i = 0 \text{ nF}$; $L_i = 0 \text{ mH}$, [FNICO/FISCO parameters].

Ambient temperature range: $-50 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$ for temperature class T4,
 $-50 \text{ }^\circ\text{C}$ to $+75 \text{ }^\circ\text{C}$ for temperature class T5,
 $-50 \text{ }^\circ\text{C}$ to $+50 \text{ }^\circ\text{C}$ for temperature class T6.

Class No 2258 02 - PROCESS CONTROL EQUIPMENT – For Hazardous Locations

Class No 2258 82 - PROCESS CONTROL EQUIPMENT – For Hazardous Locations Certified to U.S. Standards

Class I Div. 2, GP A, B, C, D T4...T6

Class I, Zone 2, AEx nA IIC T4...T6

Ex nA IIC T4...T6

Suppressors types: DB-LBF-I1 (Base unit) and DB-LBF-I1.I (Base unit) and the following modules: DP-LBF-I1.36.DE and DP-LBF-I1.36.IE.

Ratings are as follows: $U = 33 \text{ V}$; $I = 500 \text{ mA}$.

Ambient temperature range: $-50 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$ for temperature class T4,
 $-50 \text{ }^\circ\text{C}$ to $+75 \text{ }^\circ\text{C}$ for temperature class T5,
 $-50 \text{ }^\circ\text{C}$ to $+50 \text{ }^\circ\text{C}$ for temperature class T6.

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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 60079-0-07	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/ISA-60079-0 (2009)	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
C22.2 No. 142-M1987 (R2004)	Process Control Equipment
CAN/CSA-C22.2 No. 157-92 (R2006)	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA Std C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
ANSI/UL Standard 913 (2006)	Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
CAN/CSA-E60079-11-02 (R2006)	Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
ANSI/ISA-60079-11 (2007)	Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
CAN/CSA E60079-15-02 (R2006)	Electrical Apparatus for explosive gas atmospheres - Part 15: Type of protection "n"
ANSI/ISA-60079-15 (2001)	Electrical Apparatus for explosive gas atmospheres - Part 15: Type of protection "n"
UL Standard 916 (2007)	Energy Management Equipment

MARKINGS

- Marking printed on adhesive label.
- cCSA_{US} Monogram
 - Company name or master contract number
 - Model name / number
 - Serial number
 - Electrical ratings
 - Hazardous locations designation as applicable
 - Method of protection as applicable
 - CSA certificate number
 - Reference to installation drawing
 - Temperature code rating
 - Maximum ambient

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
2437472	August 18, 2011	Original Project No
		215727-2392869
		Model No
		BXT BAX EX
		Listee Model No
		DB-LBF-I1
		BXT BAS WCO EX
		DB-LBF-I1.I
		BXT M2 BD E EX 24
		DP-LBF-I1.36DE
		BXT M2 BD S EX 24
		DP-LBF-I1.36IE