

Certificate of Compliance

Certificate: 2392869

Master Contract: 215727

Project: 2392869

Date Issued: May 12, 2011

Issued to: DEHN + SÖHNE GmbH + Co.KG
Hans-Dehn-Strasse 1
Neumarkt / Opf.
D-92318
GERMANY
Attention: J. Birkl

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: Eric Giusti
Eric Giusti

PRODUCTS

CLASS – 2258-04 PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations
CLASS – 2258-84 PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations against 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: BXT BAS EX (Base unit), BXT BAS WCO EX (Base unit) and following modules: BXT M2 BD E EX 24 and BXT M2 BD S EX 24.

Ratings are as follows: $V_{max} (U_i) = 30 \text{ V}$; $P_{max} (P_i) = \text{any}$; $I_{max} (I_i) = 500 \text{ mA}$; $C_i = 0 \text{ nF}$; $L_i = 0 \text{ mH}$, [FISCO Parameters]. Intrinsically safe when connected as per Control Drawing reference 1719 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: BXT BAS EX (Base unit) and BXT BAS WCO EX (Base unit) and the following modules: BXT M2 BD E EX 24 and BXT M2 BD S EX 24.

Ratings are as follows: Vmax (Ui) = 33 V; Imax (Ii) = 500 mA; Pmax (Pi) = any; Ci = 0 nF; Li = 0 mH, [FNICO/FISCO parameters].

Ambient temperature range: -50 °C to +80 °C for temperature class T4,
-50 °C to +75 °C for temperature class T5,
-50 °C to +50 °C for temperature class T6.

CLASS – 2258-02 PROCESS CONTROL EQUIPMENT – For Hazardous Locations

CLASS – 2258-82 PROCESS CONTROL EQUIPMENT – For Hazardous Locations against 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: BXT BAS EX (Base unit) and BXT BAS WCO EX (Base unit) and the following modules: BXT M2 BD E EX 24 and BXT M2 BD S EX 24.

Ratings are as follows: U = 33 V; I = 500 mA.

Ambient temperature range: -50 °C to +80 °C for temperature class T4,
-50 °C to +75 °C for temperature class T5,
-50 °C to +50 °C for temperature class T6.

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

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- 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



CSA INTERNATIONAL

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 |
|----------------|--------------|---|
| 2392869 | May 12, 2011 | Original CSA certification of suppressors series BXT. |