



# Certificate of Compliance

**Certificate:** 2719982

**Master Contract:** 260501

**Project:** 70038515

**Date Issued:** February 08, 2016

**Issued to:** Sermatex Grun Equipamentos Eletric  
203 Rua Coronel Tristão  
Freguesia do Ó, Sao Paulo 02925-030  
BRAZIL

**Attention:** Paulo Morais

*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:** *Ezio Migliozi*  
Ezio Migliozi

## **PRODUCTS**

CLASS - C321802 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices-For Hazardous Locations

CLASS - C321882 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Auxiliary Devices-For-Hazardous Locations-Certified to U.S. Standards

Class I, Groups B, C and D; Class II, Groups E, F and G; Class III; Type 4X

Industrial control Auxiliary Devices, SG-EX Series:

1. Reset pushbutton operators, Cat Nos. BR N, BRG N, BR L, BRG L, BR X and BRG X.
2. Circuit breaker handle operators, Cat Nos. AD N, AD L and AD X.
3. Pushbutton operators, Cat Nos. BI N, BIG N, BI L, BIG L, BI X and BIG X.
4. Adjustable circuit breaker actuators, Cat Nos. ADA N, ADA1 N, ADA 2 N, ADA L, ADA1 L, ADA 2 L, ADA X, ADA1 X and ADA2 X.
5. Keyed selector switch operators, Cat Nos. CC N, CCG N, CC L, CCG L, CC X and CCG X.
6. Mushroom Head pushbutton with key operators Cat Nos. BEY5 N, BEY3 N, BEY5 L, BEY3 L, BEY L, BEY5 X, BEY3 X and BEY X.
7. Potentiometer operators Cat Nos. BPMV N, BPCO N, BPMV L, BPCO L, BPMV X and BPCO X.
8. Pushbutton with key operators Cat No. BY N, BK N, BY L, BK L, BY X and BK X.



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9. Mushroom head push button operators Cat Nos. BETR N, BEMO N, BETR L, BEMO L, BETR X and BEMO X.
10. Mushroom head button operators, Cat. No. BEG N, BES N, BEG L, BES L, BEG X and BES X.
11. Pilot Lights, Cat. No. SI N, PL N, SI L, PL L, SI X and PL X.
12. Illuminated pushbutton operators Cat. No. BL N, BL L and BL X.
13. Rotary Switch, Cat. No. CAG N, CA N, CA L, CAG L, CA X and GAG X.

Notes:

1. These auxiliary devices are Certified as accessories for use in other Certified equipment where the final combination acceptance is determined by CSA or local inspection authority.
2. Installation instruction sheet packed with each device.
3. The pilot light made of polycarbonate is not suitable for application in Ethylene Dichloride .

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No 0 10	-	General Requirements Canadian Electrical Code Part II.
CAN/CSA C22.2 No. 14-10	-	Industrial Control Equipment
CAN/CSA C22.2 No.25-1966	-	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CAN/CSA C22.2 No.30-M1986-	-	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA-C22.2 No.94-M91	-	Special Purpose Enclosures
ANSI/UL 1203, 5th Ed.	-	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous Locations
ANSI/UL 50 - 11th Ed.	-	Enclosures for Electrical Equipment
ANSI/UL 508 17th Ed.	-	Electric Industrial Control Equipment

**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 products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- Submitter's name or CSA Master Contract Number adjacent to the CSA mark;
- Catalogue designation;
- Lot number or date code;
- Hazardous Location Designations: Class I, Groups B, C and D; Class II, Groups E, F and G; Class III  
(In addition may be optionally marked with the addition of: Class I, Zone 1 and 2, Groups IIB + H2);
- Enclosure rating 4X (Where applicable)
- CSA monogram with the c us designator;



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The above Marking shall be permanently marked on the product or on a CSA/UL Certified Self-adhesive Label(s).

An installation manual shall be supplied with each unit or package containing the minimum making information:

- Manufacturer name and address;
- Mounting and installation instructions, including dimensions



## *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>
70038515	2016-02-08	Update to report 2719982 to cover alternate construction for the pilot lights for hazardous locations; addition of 57 mm long bushing option and corrections related to the FIR dated June 24, 2015.
2719982	2014-10-23	Original certification of auxiliary devices, SG-EX Series for Class I, Div. 1, groups B, C and D; Class II, Div. 1, Groups E, F and G; Class III; T4X hazardous Locations.