Certificate of Compliance

Certificate: 70004607 **Master Contract:** 173246

Project: 70004607 **Date Issued:** June 02, 2016

Issued to: **Samson AG Mess-und Regeltechnik;**
Department E8
Weismuellerstrasse 3
Frankfurt, 60314
Germany

Attention: **Tomislav Varga**

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

Issued by:

C Whyte

PRODUCTS

Type 4747 Limit Switch – For Hazard Locations – Certified to Canadian standards

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

Class I, Div 1 + 2, Groups A, B, C, D
Class II, Div 1 + 2, Groups E, F, G
Class III
Class I, Zone 1, Ex d IIC, T6…T4
Class II, Zone 21, Ex tb IIIC T85°C
Type 4X, IP66

Model SAMSON 4747 Limit Switch

Table 1 – Apparatus versions with their Nominal Values

Apparatus Version	Nominal (Rated) Values
4747-23101	= 8 V DC
4747-23102	= 30 V DC
4747-23103	= 30 V DC
4747-23104	= 30 V DC
4747-23105	= 30 V DC
4747-23106	= 100 mA @ 253 V DC = 250 mA @ 253 V AC
4747-23107	= 25 V DC
4747-23108	= 25 V DC
4747-23111	= 250 V AC @ 10A
4747-23112	= 250 V AC @ 10A
All Versions	Maximum Power Dissipation Pmax = 4W

Temperature Range:

T4 Temperature Class
- -55°C ≤ Ta ≤ +73°C permissible ambient temperature

T5 Temperature Class
- -55°C ≤ Ta ≤ +73°C permissible ambient temperature

T6 Temperature Class
- -55°C ≤ Ta ≤ +60°C permissible ambient temperature

Conditions of Safe Use:

i. The equipment must be suitably secured using the same sealing method as test to ensure the type rating and ingress protection is maintained.
ii. The equipment must only be located in areas where there are no fast moving particles along the surface of the equipment present. Additionally, cleaning of the equipment should be done only with a damp cloth.

All unused entries must be fitted with suitably certified plugs.

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APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 30-M1986 (Third edition)	Explosion-proof enclosures for use in class I hazardous locations
CAN/CSA C22.2 No. 25-1966	Enclosures for use in Class H Groups E, F and G hazardous locations
CAN/CSA C22.2 No. 94.2-07 (First edition)	Enclosures for electrical equipment, environmental considerations
CSA C22.2 No. 60079-0:15 (Third edition)	Explosive atmospheres- Part 0: Equipment - General requirements
CSA C22.2 No. 60079-1:11 (Second edition)	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures “d”
CSA C22.2 No. 60079-31:12 (First edition)	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.

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.

Manufacturers name or CSA Master Contract number adjacent the CSA Mark, in lieu of manufacturers name.

- CSA Monogram with c us Indicator (The products listed 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), as shown on the Certificate of Compliance.
- Manufacturers names “Samson AG”, or CSA Master Contract number “173246” adjacent the CSA Mark in lieu of manufacturers’ name.
- Model designation, as specified in the PRODUCTS section, above.
- Complete electrical rating, as specified in the PRODUCTS section, above.
- Maximum ambient temperature rating, as specified in the PRODUCTS section, above.
- Date code / Serial number traceable to month and year of manufacture.
- Enclosure type ratings, as specified in the PRODUCTS section, above.
- Hazardous Location designation, as specified in the PRODUCTS section, above.
- Temperature code, as specified in the PRODUCTS section, above.
- The words: “OPEN CIRCUITS BEFORE REMOVING COVER” and “OUVRIR LES CIRCUITS AVANT ENLEVEMENT DU COURVERCLE”
- The words: “ CONDUIT MUST BE SEALED AT THE ENCLOSURE” and “UN SCELLEMENT DOIT ETRE INSTALLE ENTRE LE BOITIER”
- The words: “WARNING: *Cable entry temperature can exceed upper ambient by 8.1˚C” and “AVERTISSEMENT: la temperature du passe-cable peut depasser la temperature ambiante de 8.1˚C”*

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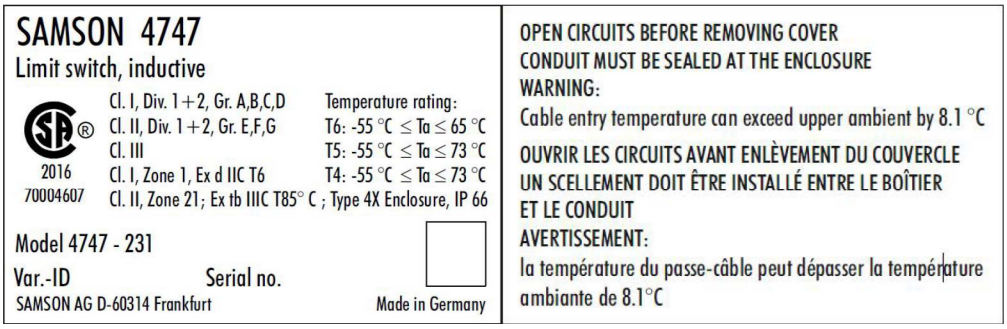

Nameplate adhesive label material approval information:

The label is marked using a Polyscript ACE 1 SA thermal transfer print. This method of marking was previously assessed under CSA project number 1709815, a copy of which is held in the project notebook. No further assessment necessary.

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
70004607	June 02, 2016	Original Certification.