



Certificate of Compliance

Certificate: 80005457

Master Contract: 153247

Project: 80023324

Date Issued: January 07, 2020

Issued to: Rotork Controls Inc.
675 Mile Crossing Blvd
Rochester
14624
New York
UNITED STATES

Attention: Ugo Onyechi

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:

B Chong

PRODUCTS

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Ex ia IIC T4 Ga

CLASS 2258-83 PROCESS CONTROL EQUIPMENT-Intrinsically Safe and Non-Incendive - Systems-For Hazardous Locations-Certified to U.S. Standards

Class I, Div. 1, Group A, B, C, D, T4

Actuator Setting tool *PRO*, Model: BTST v1.1
Intrinsically safe, hand-held-portable, battery operated.
Temperature Code T4; $-30\text{ }^{\circ}\text{C} \leq T_{amb.} \leq +50\text{ }^{\circ}\text{C}$.



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Conditions of Acceptability:

- i. To ensure the required minimum fuse resistance at -30 °C is maintained, the manufacturer shall ensure that the Littelfuse type 0451.062 fuse has a minimum resistance at +20 °C of 3.20 Ω. Measurements may be performed at a temperature other than +20 °C, with a correction factor of +0.02348 Ω/K.
- ii. The Pro BTST V1.1 shall only be fitted with the following types of Alkaline-Manganese or Zinc-Manganese, ‘AAA’ size batteries:

Duracell ProCell, type MN2400	Varta Industrial
Duracell Ultra	Varta High Energy
Duracell Chinese	Panasonic Pro Power
Energizer Ultimate	Panasonic Evolta
Energizer High Tech	Eveready Super

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 60079-0: 2019
CAN/CSA C22.2 No. 60079-11: 2014
CSA-C22.2 No. 61010-1-12, UPD1:2015,
UPD2:2016, AMD1:2018
UL 913 (5th Ed.)

UL Std. No. 61010-1 (3rd Edition),
AMD1:2018

General requirements
Equipment protection by intrinsic safety “i”
Safety Requirements for Electrical Equipment for Measurement,
Control, and Laboratory Use, Part 1: General Requirements
Intrinsically Safe Apparatus and Associated Apparatus for Use in
Class I, II and III, Division 1, Hazardous Locations
Safety Requirements for Electrical Equipment for Measurement,
Control, and Laboratory Use - Part 1: General Requirements



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MARKINGS

For Canada and US.

- Manufacturer's name: "Rotork Controls", or CSA Master Contract Number "153247", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model designation: As specified in the PRODUCTS section, above.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Ambient temperature rating: As specified in the PRODUCTS section, above.
- Manufacturing date in MMY format, or serial number, traceable to year and month of manufacture. (appears on separate bar-code label);
- The CSA Mark, as shown on the Certificate of Conformity.
- The designation "CSA19CA80005457"
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
- Temperature code: As specified in the PRODUCTS section, above.
- The statement: "Warning – Use only Battery Types Listed" or equivalent.
- The statement: "Substitution of Components may impair Intrinsic Safety"
- The statement: "Do not open in a hazardous area"
- The words "INTRINSICALLY SAFE" or "INT SAFE" or symbol "Ex ia".

For Canada only.

- The following optional markings may be used: "Class I, Div. 1, Group A, B, C, D, T4"

For US only.

- The following optional markings may be used: "Class I, Zone 0, Group IIC"

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".

Nameplate adhesive label material approval information:

Markings details are pad-printed directly onto the exterior of the Lower Housing using UV Stable paint. Refer to Drawing AD1503. The battery warning on the enclosure is changed to refer to an internal label specifying permitted battery types. Refer to Drawing AD1503. This plastic self-adhesive label is located on the battery support foam inside the enclosure. This label replaces the cell details marked on the external surface of the enclosure. Three types of label are specified in drawing note 1. All types are UL approved to Canadian requirements (CCN PGJ18).