



Certificate of Compliance

Certificate: 2541711

Master Contract: 227951

Project: 80008190

Date Issued: 2019-10-08

Issued To: Rotork YTC Limited
81, Hwanggeum-ro 89 beon-gil
Yangchon-eup
Gimpo-si,, Gyeonggi-do
South Korea 10048

Attention: Stan Przybrowicz

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: Joshua Burdeshaw
Joshua Burdeshaw



PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT For Hazardous Locations

CLASS - C225882 - PROCESS CONTROL EQUIPMENT For Hazardous Locations - Certified to US Standards

Ex db IIC T6

Class I, Zone 1, AEx db IIC T6

Class II, Division 1, Groups E, F and G;

Ex tb IIIC T85°C

Zone 21, AEx tb IIIC T85°C



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Limit Switch Boxes, YT-870x series (aluminium enclosure) and YT-875x series (stainless steel enclosures) are used for monitoring the position to the controller or control room.

Ratings are as follows:

YT-870M and YT-875M:

- AC:250V 3A, 125V 5A / 250V 10.1A, 125V 10.1A;
- DC:250V 0.2A, 125V 0.4A, 30V 4A, 14V 5A, 8V 5A;

YT-870P and YT-875P:

- DC:12~24 VDC (Operating Voltage : 10~30VDC and 5~25VDC for YT-875P)

YT-870D and YT-875D:

- AC:125 or 250VAC 10A, 480VAC 2A
- DC:125VDC 0.5A, 250VDC 0.25A

Ambient temperature range: -20°C to +60°C.

Enclosure rating Type 4, 4X; IP67

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-M91	General Requirements - Canadian Electrical Code, Part II
CAN/CSA C22.2 No 60079-0:11	Electrical Apparatus for Explosive Gas Atmospheres Part 0: General Requirements
CAN/CSA C22.2 No 60079-1:11	Electrical Apparatus for Explosive Gas Atmospheres Part 1: Flameproof Enclosure “d”
CAN/CSA-C22.2 No. 60079-31:12	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure “t”
CAN/CSA-C22.2 No.61010-1:04	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
CAN/CSA-C22.2 No. 60529:05	Degrees of protection provided by enclosures (IP Code)
ANSI/IEC 60529:2004	Degrees of Protection Provided by Enclosures (IP Code) (identical national adoption)
ISA 60079-0 (12.00.01):2009	Electrical Apparatus for Use in Class I, Zone 0, 1 & 2 Hazardous (Classified) Locations: General requirements
ANSI/ISA-60079-1 (12.22.01):2009	Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures “d”
ANSI/ISA 60079-31:2009	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure “t”
UL Standard 61010-1:04	Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use — Part 1: General Requirements
C22.2 No. 94.1-15	Enclosures for electrical equipment, non-environmental considerations – Second Edition
UL 50	Enclosures for electrical equipment, non-environmental considerations – Third Edition
C22.2 No. 94.2-15	Enclosures for electrical equipment, environmental considerations – Third Edition



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UL 50E	Enclosures for electrical equipment, environmental considerations – Second Edition
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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.

The following information appears on a nameplate:

- Submitter's name or CSA Master contract
- Model type:
- Serial number/ date
- ratings
- Ambient temperature range: -20°C to +60°C
- Hazardous Location designations:
- Marking code: Ex db IIC T6
Class I, Zone 1, AEx db IIC T6
Class II, Division 1, Groups E, F and G; Ex tb IIIC T85°C
Zone 21, AEx tb IIIC T85°C

- CSA certificate number: CSA 13.2541711.

- CSA monogram

The aluminium marking plate is mounted to the enclosure by means of 4 screws.

“Warning : A seal shall be installed within 50mm of the enclosure”

“Warning : Keep cover tight while circuits are alive”

“Potential electrostatic charging hazard: see instructions”



Supplement to Certificate of Compliance

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Master Contract: 227951

*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
80008190	2019-10-08	Update to report 227951-2541711 to assess the YT-870 and YT-875 enclosures with alternate construction as Type 4 and 4X.
80000502	2019-05-14	Update to report 2541711 to reflect Submitter's new name and address.
2541711	2013-08-08	Original Certification Limit Switch Boxes, YT-870x series and YT-875x series