



# Certificate of Compliance

Certificate: 2541711

Master Contract: 227951

Project: 2541711

Date Issued: 2013/08/08

Issued to: **Young Tech. co., Ltd**  
**#3022, Hagun-Ri, Yangchon-Myeon,**  
**Gimpo-Si, Gyeonggi-Do**  
**KOREA**  
Attention: **Mr. Jong-Hoon, Lee**

*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: **E Giusti**  
*E Giusti*

## **PRODUCTS**

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

**CLASS 2258 82 - 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**

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



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

### **MARKINGS**

The following information appears on a nameplate:

- Submittor’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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*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>
2541711	2013/08/08	Original Certification Limit Switch Boxes, YT-870x series and YT-875x series.