



Certificate of Compliance

Certificate: 1248932

Master Contract: 169382

Project: 2597293

Date Issued: March 19, 2013

Issued to: ITT Aerospace Controls
A Unit of ITT Industries
28150 Industry Dr.
Valencia, CA 91355
USA
Attention: Craig Pendleton

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.



John Yam

Issued by: John Yam

PRODUCTS

CLASS 6248 01 - SWITCHES - Snap - For Hazardous Locations

CLASS 6248 81 - SWITCHES - Snap - For Hazardous Locations - Certified to US Standards

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G:

Snap Switches, Dual Seal, up to a MWP of 12,500 PSI;

Cat. No. 057-0760, spdt, 11 A, 0.25hp, 125/250 V, 60Hz; 5 A resistive at 30 Vdc; 0.5 A resistive at 125 Vdc

Cat. No. 057-0761, dpdt, 11 A, 0.25hp, 125/250 V, 60Hz; 5 A resistive at 30 Vdc; 0.5 A resistive at 125 Vdc

Cat. No. 057-0762, spst, 1 A, 125 V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc

Cat. No. 057-0763, dpdt, 1 A, 125 V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc

Cat. No. 057-0770, spdt, 11 A, 0.25hp, 125/250 V, 60Hz; 5 A resistive at 30 Vdc; 0.5 A resistive at 125 Vdc

Cat. No. 057-0771, dpdt, 11 A, 0.25hp, 125/250 V, 60Hz; 5 A resistive at 30 Vdc; 0.5 A resistive at 125 Vdc

Cat. No. 057-0772, spdt, 1 A, 125 V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc



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Cat. No. 057-0773, dpdt, 1 A, 125 V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc

Cat. No. 057-0917, spdt, 1 A, 125 V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc

Note: Maximum Working Pressure (MWP) varies with the attached sub-assembly. All tested and approved sub-assemblies are listed in the descriptive section of the report with their respective MWP.

CLASS 6248 01 - SWITCHES, Snap – For Hazardous Locations

Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups E, F, and G, Class III:

Snap Switch;

Cat. No. 057-0826, dpdt, 1 A, 125V, 60Hz.; 1 A resistive, 0.5 A inductive, 30 Vdc.

Note: The grounding of the metal body of Cat. No. 057-0826 is to be evaluated in the final installation by the inspection authority having jurisdiction.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 0 - 10 - General Requirements - Canadian Electrical Code Part II.

CSA Standard C22.2 No 0.4 - 04 - Bonding and Grounding of Electrical Equipment (Protective Grounding).

CSA Standard C22.2 No 25 - 1966 - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations.

CSA Standard C22.2 No 30 - M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Standard C22.2 No 55 - M1986 - Special Use Switches.

CSA Standard C22.2 No. 213 - M1987 - Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

ANSI/ISA Standard 12.27.01 - 2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

ANSI/UL 1203-2009; Fourth Edition - Standard for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations



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
2597293	Mar 19, 2013	Update report 1248932 to include Cat. No. 057-0917 and minor change on drawings. Add Class 6248-81 Certified for US standard based on the UL file E56677; Class I, Division 1, Groups A, B, C and D; and Class II, Division 1, Groups E, F and G.
2356786	Jan 26, 2011	Update report 1248932 to include revised factory test pressure and drawings.
2076904	Jan 14, 2009	Update report 1248932 to include Dual Seal certification of the snap switches to ANSI/ISA 12.27.01-2003.
2022361	May 7, 2008	TIS to discuss secondary seals for Models 057-086X in accordance with ANSI/ISA 12.27.01
1514734	Feb 18, 2004	Switch, snap, 057-0826 similar to previous except Class I, Div 2, Groups A, B, C and D; Class II, Groups E, F and G

History

1248932 - 2001/12/14 - Original certification for Class I, Groups A, B, C and D; Class II, Groups E, F and G; Snap Switches, Cat. No. 057-0760, 057-0761, 057-0762, 057-0763, 057-0770, 057-0771, 057-0772, 057-0773.