Certificate of Compliance

Certificate: 1056880 **Master Contract:** 162037 (034556_0_000)

Project: 70121817 **Date Issued:** 2017-03-31

Issued to: **Barksdale, Inc.**
3211 Fruitland Ave.
Los Angeles, California 90058
USA

Attention: Alfredo Meza

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: *Jared Gillespie*
Jared Gillespie

PRODUCTS

CLASS - C486801 - TEMPERATURE-INDICATING AND REGULATING EQUIPMENT-For Hazardous Locations

CLASS - C486881 - TEMPERATURE-INDICATING AND REGULATING EQUIPMENT-For Use in Hazardous Locations - Certified to US Standards

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

- Temperature Switches, Series TX, AMC-1H, E507S-LS, E507S-2LS, E507S-2LS-2 and THT-LS followed by **a**, **b**, **c**, **d**, **e**, **f**, and **g**; Enclosure rating: Type 4; Ambient Temperature Range: -40°C to +60°C; Temperature code: T4 or T6

Where **a** = Sensor location L or R
b = Limit switch B, F, H, J, K, L, M, GH, G, S (ratings from 125 to 600Vac, 2 to 22A; 125 to 250Vdc, 0.03 to 0.5A)
c = Temperature range 1,2,3,4,5,6,7
d = Sensor material C, S or N
e = Capillary length in feet 1 to 25
f = Standard options R, X
g = Special options Q1-Q999, A, R1, R2, R3, W, WS, S#

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APPLICABLE REQUIREMENTS

CAN/CSA Standard C22.2 No. 0-M91 *(Reaffirmed 2006)*	• General Requirements - Canadian Electrical Code, Part II
CAN/CSA Standard C22.2 No. 14-10 *(February 2010)*	• Industrial Control Equipment
CSA Standard C22.2 No. 25-1966 *(Reaffirmed 2004)*	• Enclosures for Use in Class II Groups E, F, and G Hazardous Locations
CSA Standard C22.2 No. 30-M1986 *(Reaffirmed 2007)*	• Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CAN/CSA Standard C22.2 No. 94-M94 *(Reaffirmed 2006)*	• Special Purpose Enclosures
ANSI/UL Standard 50 *(Twelfth Edition, September 2007)*	• Enclosures for Electrical Equipment, Non-Environmental Considerations
UL Standard 886 *(Tenth Edition, Dated February 14, 1994 with revisions through and including November 22, 2005)*	• Outlet Boxes and Fittings for Use in Hazardous (Classified) Locations
UL Standard 894 *(Seventh Edition, Dated June 28, 1993 with revisions through and including February 6, 2009)*	• Switches for Use in Hazardous (Classified) Locations

MARKINGS

Permanently marked on a 24 gauge aluminium metal nameplate having a thickness not less than 0.5 mm affixed to the cover with drive pins engaging bottomed holes. See Drawing C250655 for details.

- Manufacturer's name: “Barksdale, Inc.”, “Barksdale” or equivalent or CSA Master Contract Number “162037” adjacent to the CSA Mark in lieu of manufacturer name;
- Model number: 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 CSA Mark with “C” and “US” indicators as shown on the Certificate of Compliance;
- Enclosure rating: as specified in the PRODUCTS section above;
- Electrical switch ratings as specified in the PRODUCTS section above (limit switch indications);
- Media Temperature Limits;
- Ambient Temperature Range: as specified in the PRODUCTS section above;
- Pressure rating: engraved on the thermowell (when provided);
- The following words:
    - “OPEN CIRCUIT BEFORE REMOVING COVER” and “OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE” or “KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE and “GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LES CIRCUITS SONT SOUS TENSION” or equivalent.

- "SEALS REQUIRED WITHIN 450MM (18 in) OF THE ENCLOSURE." and "UN SCELLEMENT DOIT ETRE INSTALLE A MOINS DE 450 MM DU BOITER" or equivalent.

For field wiring marking, a 0.003" thick Mylar label with adhesive backing is used. See Drawing A2501003. The words: "FOR FIELD INSTALLATION USE COPPER CONDUCTORS SUITABLE FOR 90°C".

Supplement to Certificate of Compliance

Certificate: 1056880 **Master Contract:** 162037 (034556_0_000)

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
70121817	2017-03-31	Update to report 1056880 to include revised drawings.
2356105	2010-12-07	Update to Report 1056880 to document alternate aluminum housing construction on TX-series of temperature switches and hydrostatic pr essure testing to verify strength of housing.
2356105	2010-12-07	Update to Report 1056880 to document alternate aluminum housing construction on TX-series of temperature switches and hydrostatic pr essure testing to verify strength of housing.
1279032	2002-01-15	TO UPDATE CORPORATE IDENTITY AND ADDITION OF 240VAC RELAY COIL OPTION (LEGACY NO. LR 34556)
1072146	2000-02-02	Update to Report 1056880 to cover addition of optional manual reset switch, factory installed thermowell and ratings.
1072146	2000-02-02	Update to Report 1056880 to cover addition of optional manual reset switch, factory installed thermowell and ratings.
1056880	2000-02-02	Supercedes Report LR 34556-28: (Class I, Groups B, C and D; Class II, Groups E, F and G; Class III; Temperature switches, Series "TX", or AMC-1H, E507S-LS, E507S-2LS and THT-LS, followed with alphanumeric suffixes denoting electrical and mechanical variations.) - To cover revised nameplate for Series TX temperature switch. ORIGINALLY ISSUED AS 2500009369
LR 34556-28	1995-08-23	Original certification of TX-series of temperature switches.