



Certificate of Compliance

Certificate: 1167442 (LR 44787-3)

Master Contract: 151908

Project: 80118017

Date Issued: March 16, 2022

Issued To: **Kenco Engineering Company**
Post Office Drawer 470426
Tulsa, OK 74147
USA

Attention: Mr. Darrell Miller

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: *Adrian Zilahi*
Adrian Zilahi, P.Eng.

PRODUCTS

- CLASS 3218 06** - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - For Hazardous Locations
- CLASS 3218 86** - INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Division 1, Groups B, C and D:

Oil level controllers/switches, Models KLCE, KLCE-DPDT, KES, KES-DPDT, KHL, KHL-ES, KHL-DPDT, KHL-ES-DPDT, KSHL, KSHL-ES, KSSL and KSSL-ES, rated 15A, 125/250/480V ac; 0.5A, 125V dc; 0.25A, 250V dc; 1/8 hp, 125V ac; 1/4 hp, 250V ac; $-35^{\circ}\text{C} \leq \text{Tamb.} \leq +85^{\circ}\text{C}$; Temperature Code T5.

Note: Suffixes may be added to the model designation, denoting mounting holes and/or oil port configurations in the fluid chamber housings, which will not affect the explosion-proof requirements.



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91	- General Requirements – Canadian Electrical Code, Part II
C22.2 No. 14-05	- Industrial Control Equipment
C22.2 No. 30-M1986	- Explosion-Proof Enclosures for Use in Class I Hazardous Locations
UL 508 (17 th Ed.)	- Industrial Control Equipment
UL 1203 (4 th Ed.)	- Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

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.

Method of Marking:

The following markings appear on the enclosure Cover (cast into cover) and on a separate Identification Plate (silk-screened on to metal plate, which is then secured with screws, pins or rivets to the enclosure). Refer to Drawing A-33927 and Drawing A-44085.

- Manufacturer's name: "Kenco Engineering Company" or "Kenco", or CSA Master Contract Number "151908", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model designation: As specified in the PRODUCTS section, above.
- Electrical rating: 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.
- The CSA Mark, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section, above. The word "Class" may be abbreviated "CL", the word "Division" may be abbreviated "DIV", and the word "Groups" may be abbreviated "GRP" or "GP".
- Temperature Code: As specified in the PRODUCTS section, above.
- The following words:
"KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE" and "GARDER LE COUVERCLE BIEN FERME TANT QUE LES CIRCUITS SONT SOUS TENSION" or the equivalent).



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
80118017	2022-03-16	Update to CSA Report 1167442 to include the following: addition of Suns International "Z-15G" series switches as alternate to Honeywell "BZ" series switches.
2341451	2009-12-14	Update of report to include revised drawings.
2208302	2009-09-28	Update to include US Certification.
2098742	2008-10-28	Update to include revised drawings (to match ATEX drawings).
History		
1388926	2003-03-02	Update to Report No. 1167442 to include Oil level controllers/switches, Models KLCE, KLCE-DPDT, KES, KES-DPDT, KHL, KHL-ES, KHL-DPDT, KHL-ES-DPDT, KSHL, KSHL-ES, KSSL and KSSL-ES.
1167442	2001-04-25	Update to Models LCE, ES to add Group B Designation and update report to latest revisions.
-4	1988-03-07	Supplementary Certification of oil level switches Model ES and oil level controller Model LCE.
-3	1984-08-20	Original Certification