



Certificate of Compliance

Certificate: 70011639

Master Contract: 261831

Project: 70011639

Date Issued: February 26, 2015

Issued to: Eliwell Controls s.r.l.
Via dell'Industria 15
Pieve D'Alpago, Belluno 32010
ITALY
Attention: Emanuela Cortina

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: Omar Elouadrhiri
Omar Elouadrhiri

PRODUCTS

CLASS - C482351 - TEMPERATURE INDICATING AND REGULATING EQUIPMENT-Appliance Type Controls - Limit Type
CLASS - C482387 - TEMPERATURE-INDICATING AND REGULATING EQUIPMENT-Appliance Type Temperature Controls-Certified to US Standards

Component Type, Operating Control; Electronic Controllers, LCD remote keyboard model SKP22 may be followed by L and model TM171DLCD2 followed by L, U. Rated as follow:

Type	Model	Function	Terminal Designation	Rating
INPUTS:	SKP22 TM171DLCD2U	Power Supply	LAN 1 2	12 Vdc, 1W max, Class 2, SELV circuit Limited energy less than 15 Watts
	SKP22L TM171DLCD2U			12 Vdc, 2W max, Class 2, SELV circuit Limited energy less than 15 Watts
	SKP22 SKP22L TM171DLCD2U TM171DLCD2L	Analogue Input probe	AIR1	NTC type 10 KΩ at 25°C, 0-5 V max or 4-20 mA or digital input max. 0.5mA Class 2, SELV circuit Limited energy less than 15 Watts
			AIR2	NTC type 10 KΩ at 25°C, 0-5 V max or 4-20 mA or digital input max. 0.5mA Class 2, SELV circuit Limited energy less than 15 Watts



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COMUNICATIONS		Signal	LAN 3	Class 2, SELV circuit Limited energy less than 15 Watts
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Thermal - Operating Temperature range -20°C to +55°C.

Pollution degree – 2 or better

Overvoltage Category – I

Software Class - A

Notes:

1. These devices are certified as component type operating control for use in CSA Certified equipment where the suitability of the combination is to be determined by the CSA Group, Certification and Testing Division.
2. These devices are microprocessor based programmable controllers intended primarily for monitor and control of air conditioning and refrigeration units. These devices are intended for indoor application only.
3. These controllers are intended to be front panel-mounted or installed in the end-use equipment with only the front display panel/keyboard accessible to the user. These controllers are intended to be used in conjunction with front panel models or DIN rail models, Electronic Controllers for centralized air-conditioning units Series Family Energy Flex and Compact Programmable Controllers Series Family Free Smart.
4. Front panel mounting feature has been investigated as Type 1 Enclosure.
5. These devices are intended to be supplied by certified Class 2, SELV circuit with limited energy less than 15 Watts. These controls are intended to be connected through logic signal to external expansion board or other Electronic Controllers for ventilation and/or heating functions.
6. These devices were investigated as a Type 1 action OPERATING CONTROL and to be INCORPORATED in the end use equipment and have not been evaluated for safety or limiting applications.

APPLICABLE REQUIREMENTS

CAN/CSA-E60730-1:13 - Automatic Electrical Controls for Household and Similar Use - Part 1: General Requirements - Third Edition

CAN/CSA-E60730-2-9:01 (R2011) - Automatic Electrical Controls for Household and Similar Use - Part 2-9: Particular Requirements for Temperature Sensing Controls - Second Edition

UL 60730-1: 2009 - Automatic Electrical Controls for Household and Similar Use; Part 1: General Requirements - Fourth Edition

UL 60730-2-9: 2010 - Automatic Electrical Controls For Household and Similar Use; Part 2: Particular Requirements For Temperature Sensing Controls - First Edition



Supplement to Certificate of Compliance

Certificate: 70011639 (261831)

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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
70011639	Feb 26 2015	cCSAus Certification of air conditioning and refrigeration monitor controller LCD remote keyboard model SKP22 for use with Series Family Energy Flex and Series Family Free Smart. Conversion of UL file E233482 V1S11.