

# Certificate of Compliance

**Certificate:** 80199571

**Master Contract:** 606427

**Project:** 80199571

**Date Issued:** February 8, 2024

**Issued to:** Lovato Electric S.p.A.  
VIA DON E. MAZZA 12  
24040 GORLE, BG  
ITALY

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** *Faith A. Caprio*  
Faith A Caprio

## PRODUCTS

CLASS 3211 07 - INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus

- Solid state relays, Models HS1B 2NT 025 D024, HS1B 6NT 040 D024, HS1B 5NV 040 D024, HS1B 5NV 040 E230, HS1B 6NN 050 D024, HS1B 6NT 060 D024, HS1B 5NV 060 D024, HS1B 5NV 060 E230, HS1B 6NT 090 D024, HS1B 5NV 130 D024, HS1B 5NV 130 E230.
- Solid state relays Models HS2B 2NN 025 D024, HS2B 6NN 050 D024, HS2B 6NN 051 D024.

## Conditions of Acceptability:

1. These devices should be mounted in enclosures having adequate strength and thickness in the intended manner.
2. For HS2B types, the temperature on the case as measured at the junction of the case and heat sink shall not exceed:

Rating	Temperature
8 A	50°C
10 A	60°C
15 A	60°C
25 A	60°C
40 A	55°C

3. The terminals of these devices are not suitable for field wiring.



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4. The acceptability of the HS1B and HS2B types are dependent on the results of a temperature test performed with the unit installed in the end use application. Temperature on the triac should not exceed 105 °C. (Based on the use of epoxy encapsulant).
5. Temperature Tests for HS2B series should be performed on the end-use device if specifications of the fan and the heat sink differ from those on page 10 of this report. Screw terminals of HS2B models are for factory wiring only when used with prepared conductor (with closed loop connector).
6. Per the manufacturer's request these devices were subjected high fault short circuit ratings.

### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 0-10 - General requirements - Canadian electrical code, part II.  
CSA-C22.2 No. 14-13 - Industrial control equipment.

### **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.

**Company's name ("LOVATO"), and/or CSA file number (606427), type designation, electrical ratings, serial number or date coding, the CSA Mark appear in a permanent manner on each unit, and any other information as specified in the Certification Report.**



## 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
80199571	February 8, 2024	NEW Multiple Listing with below models. Model comparison with Report 207951-70181058. Class: 3211 07.

Submittor Report	Submittor Models	Listee Models
207951-70181058	SO942440	HS1B 2NT 025 D024
207951-70181058	SO963440	HS1B 6NT 040 D024
207951-70181058	SO863070	HS1B 5NV 040 D024
207951-70181058	SO863970	HS1B 5NV 040 E230
207951-70181058	SO965460	HS1B 6NN 050 D024
207951-70181058	SO965440	HS1B 6NT 060 D024
207951-70181058	SO865070	HS1B 5NV 060 D024
207951-70181058	SO865970	HS1B 5NV 060 E230
207951-70181058	SO967440	HS1B 6NT 090 D024
207951-70181058	SO869070	HS1B 5NV 130 D024
207951-70181058	SO869970	HS1B 5NV 130 E230
207951-70181058	SOB542460	HS2B 2NN 025 D024
207951-70181058	SOB965660	HS2B 6NN 050 D024
207951-70181058	SOB967660	HS2B 6NN 051 D024