



# Certificate of Compliance

**Certificate:** 2661531

**Master Contract:** 211066

**Project:** 70052480

**Date Issued:** 2017-01-20

**Issued to:** Trivolt Industries  
4491 des Grandes-Prairies blvd.  
Montreal, Quebec H1R 1A5  
CANADA

*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:** Viorel Popovici  
Viorel Popovici P. Eng.

## **PRODUCTS**

CLASS - C287102 - HEATERS-Miscellaneous

CLASS - C287182 - HEATERS-Miscellaneous - Certified to US Standards

Oil immersion, flange type, aluminum sheathed type heaters ALIM-0001HD to ALIM-0012HD series models rated 480V and ALIM-0001HD-575 to ALIM-0012HD-575 series models 575V, 60Hz, 3ph 16kW max.

Oil immersion, flange type, aluminum sheathed type heaters 3FL-ALIM-0001 to 1-0012, 3FLS-ALIM-0001 to -0012, 6FL-ALIM-0001 to -0012, 6FLS-ALIM-0001 to -0012 (8-32 (kW) ), 8FL-ALIM-0001 to -0012, 8FLS-ALIM-0001 to -0012, 16-64 (kW), 10FL-ALIM-0001 to -0012, 10FLS-ALIM-0001 to -0012, 24-96 (kW) series models rated 480V and 600V, 60Hz, 3ph 96kW max.

Note: The ALIM models are equipped with electrical connection box 4 and 12 type enclosure.

Oil immersion, flange type, aluminum sheathed type heaters 3FL-SSS-0001 TO -0012, 4 TO 16 (KW), 3FL (3PSI)-0001 TO -0012, 4 TO 16 (KW), 6FL-SSS-0001 TO -0012, 8-32 (KW) , 6FLS (3PSI)-SSS-0001 TO -0012, 8 TO 32(KW), 8FL-SSS-0001 TO 0012, 16 TO 64 (KW), 8FL(3PSI)-SSS-0001 TO 0012 (KW), 10FL-SSS-0001 TO 0012, 24 TO 96 (KW), 10FL (3PSI)-0001 TO -0012, 24-96KW series models rated 480V and 600V, 60Hz, 3ph 96kW max.

Note: The SSS models are equipped with electrical connection box 4X and 12 type enclosure.



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1. The max temperature of oil as condition of operation for the immersed heaters 480V, 575V & 600V, 60HZ, 3ph, 96 kW max will be 260°F;
2. This oil immersion aluminum sheathed type heaters are certified only for use in equipment where the acceptability of the combination is determined by CSA.

### **APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 72-10 – Heating and Heater Elements (Replacement Types)

UL 499 14<sup>TH</sup> Ed – Electric Heating Appliances

### **MARKINGS**

As per marking section of the descriptive 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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70052480	2017-01-20	<p>Addition of new oil immersion series models, flange type 3", 6", 8" and 10", rated 600V, 60Hz, 3ph, 96kW max having the junction box manufactured on aluminum alloy or in Stainless Steel. Update to report.</p> <p>Note: Both aluminum and SS models includes combination of 1, 2, 4 and 6 heating elements interconnected inside of the specific junction box. Evaluation of the junction boxes as 4X and 12 type enclosures according with the applicable standards.</p>
2661531	2013-11-04	<p>c CSA us Certification Oil immersion, flange type, aluminum sheathed type heaters ALIM-0001HD to ALIM-0012HD series models rated 480V and ALIM-0001HD-575 to ALIM-0012HD-575 series models 575V, 60Hz, 3ph 16kW max.</p>