



# Certificate of Compliance

**Certificate:** 1721048 **Master Contract:** 212061  
**Project:** 80162509 **Date Issued:** 03/27/2023  
**Issued to:** Pfannenberg GmbH  
Werner-Witt-Str. 1  
Hamburg, Hamburg 21035  
Germany  
**Attention:** Oliver Ramser

*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:** *Vasyl Dykhman*  
Vasyl Dykhman

## PRODUCTS

C482302 TEMPERATURE-INDICATING AND REGULATING EQUIPMENT - Appliance Type

C482382 TEMPERATURE-INDICATING AND REGULATING EQUIPMENT - Appliance Type - Certified to US Standards

**Open type, adjustable bi-metal thermostat,**

Models	Input Voltage (VAC)	Current (A)	No. Operations	Ambient Temp (°C)
Type FLZ 520 (NC), FLZ 530 (NO)	120	15	100,000	0C to +60C; -20C to +40C; +20C to +80C
	240	10	100,000	0C to +60C; -20C to +40C; +20C to +80C

## Notes:

1. The subject thermostats are certified for component use in other equipment where the suitability of the combination is to be determined by CSA Group.
2. The devices have been evaluated only for use as temperature regulating controls and have not investigated for limiting or safety applications.



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2. Open type device must be installed within a suitable electrical and fire enclosure in accordance with the end-use product standard. Spacing from bare live parts to the ultimate enclosure and to grounded metal parts within the ultimate enclosure and spacing between wiring terminals should comply with the applicable requirements under which the combination has been investigated.
  3. The terminal blocks have been evaluated for field-wiring connections. The terminal blocks are suitable for wire sizes AWG 10 to AWG 22.



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**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 24-15 (Ninth edition) (R2019) - Temperature-indicating and -regulating equipment

UL 873 (Twelfth Edition) - Temperature-Indicating and -Regulating Equipment



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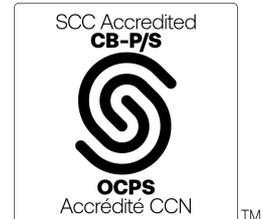
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**Notes:**

Products certified under Class C482302 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80162509	March 27, 2023	Update report 1721048 to add alternative laser type marking
80101755	October 04, 2021	Update Report 1721048 to C22.2 No. 24-15 and to add alternate label type.
0001721048	January 17, 2006	CSAUS NEW MODEL CERTIFICATION OF THERMOSTAT ASSEMBLY TYPE FLZ 520 AND FLZ 530 (ACC. UL TESTD) KEMA NL REF 208701400