



# Certificate of Compliance

**Certificate:** 80231531

**Master Contract:** 305307

**Project:** 80276061

**Date Issued:** 2025-12-16

**Issued to:** Planar Motor  
6651 Fraserwood Place, #250  
Richmond, British Columbia  
V6W 1J3  
Canada

**Issued by:** *Tai Pham*  
Tai Pham

**Attention:** Roy Lee

*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.*



## PRODUCTS

Class 3883 01 INDUSTRIAL ELECTRICAL MACHINERY - Industrial Electrical Machinery

Class 3883 81 INDUSTRIAL ELECTRICAL MACHINERY - Certified to US Standards

### Frictionless Product Transfer System

#### Flyway Modules

Model	Voltage Range (VDC)	Current (A)	Current (A Peak)	Power (W peak)
S3-AS	36 – 58 / 48 nom	4.0 - 2.4 / 3.0 nom	12.5	600
S3-AN	36 – 58 / 48 nom	3.3 - 2.0 / 2.5 nom	12.5	600
S4-AS	48 – 58 / 54 nom	4.7 - 3.9 / 4.2 nom	27.7	1500
S4-AN	48 – 58 / 54 nom	4.7 - 3.9 / 4.2 nom	27.7	1500



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**Planar Motor Controller (PMC)**

Model	Voltage Range (VDC)	Current (A)	Power (W)	Version
C-XXX	18 - 58 / 24 nom	0.4 - 0.12 / 0.3 nom	7	6.1/6.2
C-XXX	18 - 58 / 24 nom	0.4 - 0.12 / 0.3 nom	7	7.0

Note:

- Flyway modules maybe connected in daisy chained up to 200 modules per PMC.
- PMC must be powered by a “Certified” and/or “Listed” Class 2 / LPS power supply.
- Flyway modules must be powered by a “Certified” and/or “Listed” power supply.

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**APPLICABLE REQUIREMENTS**

CSA C22.2 NO. 301:23 - Industrial electrical machinery - Second Edition

UL Subject 2011 (Issue 7) - UL Outline of Investigation for Machinery



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Notes:

Products certified under Class(es) C388301 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>
80276061	2025-12-16	Update to report 80231531 to add new model S4-AN Flyway.
80273115	2025-10-10	Update report 80231531 to add alternate cable and connectors. Changing major classes to 3883 01 / 81, re-evaluating to UL 2011.
80231531	2025-04-10	Original Certification of Frictionless Product Transfer System