



Certificate of Compliance

Certificate: 70043342 **Master Contract:** 264870
Project: 80260147 **Date Issued:** 2025-07-14
Issued to: **Temporiti S.r.L.** **Issued by:** *Claudio Orlando*
Via E. Mattei,8 *Claudio Orlando*
Mesero, Milano 20010
Italy
Attention: Marco Bellotti

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 3211 07 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus

Class 3211 87 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - Certified to US Standards

Electromagnetic brakes for industrial applications

Model(s)	Input Voltage (VDC)	Current (A)	Wire Range (AWG)
Series K, Series K-F, Series K-FSR	24 to 205	0.048 to 6.5	16 to 24

DC Series K, Series K-F	Range Voltage (V) (Star/Delta)	Current Range (A)	Lead Wire AWG size
K00	24 205	0.24 0.048	18-24



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K01	24 205	0.97 0.076	18-24
K02	24 205	0.72 0.093	18-24
K03	24 196	1.19 0.12	18-24
K04	24 205	1.2 0.14	18-24
K05	24 205	1.9 0.23	18-24
K06	24 205	2 0.21	18-22
K07	24 205	2.1 0.26	18-22
K08	24 205	2.5 0.31	18-22
K09	24 205	3.3 0.32	18-20
K10	24 205	6.5 0.70	16
K11	100 205	2.2 0.96	18-22

DC Series K-FSR	Range Voltage (V) (Star/Delta)	Current Range (A)	Lead Wire AWG size
K01	24 205	0.97 0.076	18-24
K02	24 205	0.72 0.093	18-24
K03	24 196	1.19 0.12	18-24
K04	24 205	1.2 0.14	18-24
K05	24 205	1.9 0.23	18-24
K06	24 205	2 0.21	18-22

Model(s)	Input Voltage (VDC)	Current (A)	Wire Range (AWG)
Series S, Series SH	24 to 205	0.082 to 2.3	18 to 24

DC Series S-SH	Range Voltage (V)	Current Range (A)	Lead Wire AWG size
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S63-71	24	0.87	18-24
	205	0.082	
S80-90	24	0.90	18-24
	205	0.13	
S100	24	1.26	18-24
	205	0.17	
S160	24	2.3	18-22
	205	0.32	

Model(s)	Input Voltage (VDC)	Current (A)	Wire Range (AWG)
Series SMB	6 to 205	0.03 to 2.63	18 to 24

DC Series SMB	Range Voltage (V)	Current Range (A)	Lead Wire AWG size
40	6	1.08	18-24
	205	0.03	
60	6	1.08	18-24
	205	0.03	
80	24	0.63	18-24
	205	0.07	
110	24	2.14	18-24
	205	0.25	
130	24	2.13	18-24
	205	0.25	
180	24	2.63	18-22
	205	0.31	

Model(s)	Input Voltage (VAC)	Current (A)	Wire Range (AWG)
Series AC	21 to 500	0.07 to 2.5	18 to 24

AC Series AC	Range Voltage (V) (Star/Delta)	Current Range Star Connection (A)	Frequency (Hz)	Lead Wire AWG size
AC1	21/36	0.27	50/60	18-24
	277/480	0.073		
AC2	24/42	1.2	50/60	18-24
	290/500	0.07		
AC3	42/73	0.6	50/60	18-24
	290/500	0.13		
AC4	48/83	0.82	50/60	18-24
	290/500	0.16		
AC4-P	330/575	0.23	50	18-24
	400/690	0.205	60	



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AC5	190/330 290/500	0.28 0.18	50/60	18-24
AC6	42/73 290/500	0.8 0.59	50/60	18-24
AC7	42/73 290/500	2.5 0.45	50/60	18-22
AC8	190/330 290/500	2 1.33	50/60	18-22

Model(s)	Input Voltage (VAC)	Current (A)	Wire Range (AWG)
Series T-MEC	24 to 500	0.08 to 2.66	18 to 24

T-MEC Series AC	Range Voltage (V) (Star/Delta)	Current Range Star connection (A)	Frequency (Hz)	Lead Wire AWG size
T60/MEC56	110/190 260/450	0.08 0.041	50/60	18-24
T70/MEC63	100/173 290/500	0.16 0.07	50/60	18-24
T80/MEC71	42/73 290/500	0.65 0.11	50/60	18-24
T90/MEC80	24/42 290/500	2.0 0.17	50/60	18-22
T100/MEC90	24/42 290/500	2.2 0.21	50/60	18-22
T110/MEC100	110/190 290/500	0.48 0.27	50/60	18-24
T120/MEC112	48/83 290/500	2.66 0.41	50/60	18-22
T140/MEC132	162/280 290/500	0.72 0.46	50/60	18-24
T140.12	180/315 290/500	0.85 0.37	50/60	18-24
T160/MEC160	180/315 290/500	0.9 0.77	50/60	18-24
T160.12	110/190 290/500	1.43 0.72	50/60	18-24
T180/MEC180	180/315 260/450	1.25 0.80	50/60	18-24
T200	180/315 290/500	1.5 1.0	50/60	18-24

Conditions of Acceptability:

These sub-assemblies are investigated for use only as components of electrical and electronic equipment where the acceptability of the final assembly is to be determined by CSA.



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When used in the end-product equipment the following are among the considerations to be made.

1. These devices shall be used within their ratings.
2. The device was tested for a maximum temperature ambient of 40°C.
3. AC and T-MEC Brakes were tested with 3-phase power supply only.
4. The device shall be installed in compliance with the enclosure, mounting, spacings, and segregation requirements of the ultimate application.
5. Those devices were suitable for factory wiring only.
6. All Brakes have a Class F – 155°C insulation system.
7. Mechanical behavior of these brakes was not evaluated. It shall be evaluated in the end use.
8. Samples were tested at bench with non-ventilating air. Heat from friction was not considered. Evaluation at the operating conditions, such as mechanical loading or inertia and frequency of operation, was not conducted.

APPLICABLE REQUIREMENTS

UL 508:2024 - Nineteenth Edition - UL Standard for Safety Industrial Control Equipment

CSA C22.2 No. 14-18 - Thirteenth Edition - Including Update No. 1: June 2022 - Industrial control equipment



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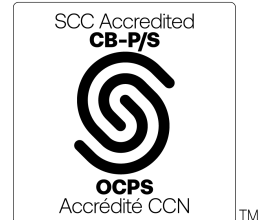
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Notes:

Products certified under Class(es) C321107, C321187 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). 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

Project	Date	Description
80260147	2025-07-14	Update to Report 70043342 for addition of new series K-FSR derived from certified series K-F.
80158016	2023-04-03	Update to Report 70043342 to add component type SMB series, electrically identical to the CSA certified K-series.
70184007	2018-05-16	Update to report 70043342 with the alternate wire and sleeve material
70164147	2018-01-17	Update to report 70043342 with the addition of new brake model AC4P. Witness testing will be performed.
70043342	2016-02-01	File conversion UL E210965 into CSA Report