



# Certificate of Compliance

**Certificate:** 70043342 **Master Contract:** 264870  
**Project:** 80158016 **Date Issued:** 04/03/2023  
**Issued to:** Temporiti S.r.L.  
Via E. Mattei,8  
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.*



**Issued by:**  
Alessandro Raspatelli  
Alessandro Raspatelli

## PRODUCTS

C321107 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus  
C321187 INDUSTRIAL CONTROL EQUIPMENT - Miscellaneous Apparatus - Certified to US Standards

### **Electromagnetic brakes for industrial applications**

| Models   | Input Voltage (VDC) | Current (A)  | Wire Range (AWG) |
|----------|---------------------|--------------|------------------|
| Series K | 24 to 205           | 0.048 to 6.5 | 16 to 24         |

| DC Series K | Range Voltage (V) (Star/Delta) | Current Range (A) | Lead Wire AWG size |
|-------------|--------------------------------|-------------------|--------------------|
| K00         | 24                             | 0.24              | 18-24              |
|             | 205                            | 0.048             |                    |
| K01         | 24                             | 0.97              | 18-24              |
|             | 205                            | 0.076             |                    |



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

| Models      | Input Voltage (VDC) | Current (A)  | Wire Range (AWG) |
|-------------|---------------------|--------------|------------------|
| Series S-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 |
|----------------|-------------------|-------------------|--------------------|
| S63-71         | 24<br>205         | 0.87<br>0.082     | 18-24              |
| S80-90         | 24<br>205         | 0.90<br>0.13      | 18-24              |
| S100           | 24<br>205         | 1.26<br>0.17      | 18-24              |
| S160           | 24<br>205         | 2.3<br>0.32       | 18-22              |

| Models    | Input Voltage | 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<br>277/480               | 0.27<br>0.073                     | 50/60          | 18-24              |
| AC2          | 24/42<br>290/500               | 1.2<br>0.07                       | 50/60          | 18-24              |



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|       |                    |               |          |       |
|-------|--------------------|---------------|----------|-------|
| AC3   | 42/73<br>290/500   | 0.6<br>0.13   | 50/60    | 18-24 |
| AC4   | 48/83<br>290/500   | 0.82<br>0.16  | 50/60    | 18-24 |
| AC4-P | 330/575<br>400/690 | 0.23<br>0.205 | 50<br>60 | 18-24 |
| AC5   | 190/330<br>290/500 | 0.28<br>0.18  | 50/60    | 18-24 |
| AC6   | 42/73<br>290/500   | 0.8<br>0.59   | 50/60    | 18-24 |
| AC7   | 42/73<br>290/500   | 2.5<br>0.45   | 50/60    | 18-22 |
| AC8   | 190/330<br>290/500 | 2<br>1.33     | 50/60    | 18-22 |

| Models     | 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<br>205          | 1.08<br>0.03      | 18-24              |
| 60            | 6<br>205          | 1.08<br>0.03      | 18-24              |
| 80            | 24<br>205         | 0.63<br>0.07      | 18-24              |
| 110           | 24<br>205         | 2.14<br>0.25      | 18-24              |
| 130           | 24<br>205         | 2.13<br>0.25      | 18-24              |
| 180           | 24<br>205         | 2.63<br>0.31      | 18-22              |

| Models       | Input Voltage | 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<br>260/450             | 0.08<br>0.041                     | 50/60          | 18-24              |
| T70/MEC63       | 100/173<br>290/500             | 0.16<br>0.07                      | 50/60          | 18-24              |
| T80/MEC71       | 42/73<br>290/500               | 0.65<br>0.11                      | 50/60          | 18-24              |



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|             |                    |              |       |       |
|-------------|--------------------|--------------|-------|-------|
| T90/MEC80   | 24/42<br>290/500   | 2.0<br>0.17  | 50/60 | 18-22 |
| T100/MEC90  | 24/42<br>290/500   | 2.2<br>0.21  | 50/60 | 18-22 |
| T110/MEC100 | 110/190<br>290/500 | 0.48<br>0.27 | 50/60 | 18-24 |
| T120/MEC112 | 48/83<br>290/500   | 2.66<br>0.41 | 50/60 | 18-22 |
| T140/MEC132 | 162/280<br>290/500 | 0.72<br>0.46 | 50/60 | 18-24 |
| T140.12     | 180/315<br>290/500 | 0.85<br>0.37 | 50/60 | 18-24 |
| T160/MEC160 | 180/315<br>290/500 | 0.9<br>0.77  | 50/60 | 18-24 |
| T160.12     | 110/190<br>290/500 | 1.43<br>0.72 | 50/60 | 18-24 |
| T180/MEC180 | 180/315<br>260/450 | 1.25<br>0.80 | 50/60 | 18-24 |
| T200        | 180/315<br>290/500 | 1.5<br>1.0   | 50/60 | 18-24 |



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**APPLICABLE REQUIREMENTS**

CSA C22.2 NO. 14-18 - Industrial control equipment

UL 508 (Eighteenth Ed.) - Industrial Control Equipment



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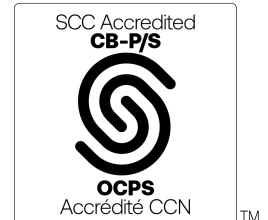
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Notes:

Products certified under Class C321107 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>  |
|----------------|-------------------|---|
| 80158016       | April 03, 2023    | Update to Report 70043342 to add component type SMB series, electrically identical to the CSA certified K-series. |
| 70184007       | May 16, 2018      | Update to report 70043342 with the alternate wire and sleeve material   |
| 70164147       | January 17, 2018  | Update to report 70043342 with the addition of new brake model AC4P. Witness testing will be performed.           |
| 70043342       | February 01, 2016 | File conversion UL E210965 into CSA Report  |