





**Certificate:** 70049278

**Master Contract:** 189724

**Project:** 80153685

**Date Issued:** 10/26/2023

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Models (cont.)	Voltage (V max)
Series BA, Series BAH, Series BAHX, Series BAX, Series BM, Series BMX, Series BS, Series SM, Series SMS, Series SMX	600

Note: Intended for use as a component part in other equipment where the acceptability is determined by the CSA Group.

Note: Motors could also be marked for intermittent duty service, S2 or S3, provided that the input rated current is less than or equal to the value indicated for the continuous duty service S1.

Note: Following models are suitable to be used in conjunction with Speed drives: BA71, BA90, SM71 / BM71 – SM90 / BM 90, BA/BM/SM 71 A4 - BA/BM/SM 71 B4 - BA/BM/SM 80 A4 - BA/BM/SM 80 B4 - BA/BM/SM 90 SA4 - BA/BM/SM LA4. With max. 120Hz.



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**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 100-14 (Upd.1 April 2017)(Seventh Edition) (R2019) - Motors and generators

UL 1004-1-2020(Second Ed.) - Standard for Safety Rotating Electrical Machines- General Requirements

UL 1004-8 (Second Edition; Reprint with Revisions Through and Including February 05, 2014) - UL Standard for Safety for Inverter Duty Motors, UL 1004-8, Second Edition, Dated November 13, 2013



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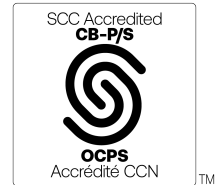
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Notes:

Products certified under Class C421101 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>
80153685	October 26, 2023	Update to Report 70049278 to cover alternative construction of model series SMS 80 B4 for power connectors and epoxy compound. Addition of alternative power connectors for model series BA, BM, SM, BAX, BMX, SMX, BAH, BAHX, SMS, BS in report.
80136283	April 06, 2023	Update to Report 70049278 to cover the addition of new ratings for series BA71 and BA90 and extension to UL 1004-8 requirements and CSA 22.2 No.100-14 cl.13, inverter duty machines.
80124071	November 14, 2022	Update to Report 70049278 to cover the addition of alternate impregnation varnish on electromagnet series BA provided in class A (105°C) and corrections to report.
80082644	July 13, 2021	Update to Report 70049278 to cover addition of alternate ratings and Update to Report 70049278 to cover report corrections,
80007059	July 30, 2019	Update to Report 70049278 to cover report corrections, addition of model SMS 80 B4 KW 0,75 - Intermittent duty - IP56 or lower protection degree, components, corrections of models names
70200721	March 07, 2019	Update to Report 70049278 to cover to cover the addition of motor series from CSA report 1309537 and CSA report 1282269, addition of alternate materials and components, corrections to the report and review of the certification attachments.
70081823	June 29, 2016	Update to Report 70049278 for the addition of Intermittent duty cycle S2 or S3.



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70049278      March 08, 2016

Original Certification of Component type motors, series SMX,BMX,BAX,BAHX, 3 ph, 600V max, 50/60Hz , from 0.75 KW to 90 KW max., ambient temperature 40 °C, 2/4/6 poles, squirrel-cage induction motors, tefc, foot and/or flange mounted to enclosure with changeable position, Insulation Class F, frame sizes 80-90-100-112-132-160-180-200-225-250-280 according to the requirements of CSA 22.2 No.100-14, UL1004-1 (2nd ed.).