UL 60034-1 (IEC 60034-1:2017)

STANDARD FOR SAFETY

Rotating Electrical Machines – Part 1: Rating and Performance

UL Standard for Safety for Rotating Electrical Machines – Part 1: Rating and Performance, UL 60034-1 (IEC 60034-1:2017)

Second Edition, Dated September 18, 2018

Summary of Topics

This is the Second Edition of the Standard for Rotating Electrical Machines – Part 1: Rating and Performance, UL 60034-1, which is a UL-only identical adoption of IEC 60034-1: 2017 Ed. 13

The new requirements are substantially in accordance with Proposal(s) on this subject dated July 20, 2018.

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Standard for Rotating Electrical Machines – Part 1: Rating and Performance

First Edition – July, 2016

Second Edition

September 18, 2018

This ANSI/UL Standard for Safety consists of the Second Edition.

The most recent designation of ANSI/UL 60034-1 as an American National Standard (ANSI) occurred on September 11, 2018. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or Preface. The IEC Foreword is also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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Preface (UL)

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This is the UL Standard for Safety for Rotating Electrical Machines – Part 1: Rating and Performance. This UL Part 1 is to be used in conjunction with the appropriate UL Part 2, UL 60034-2-1, which contains clauses to supplement or modify the corresponding clauses in the Part 1, to provide relevant requirements for each type of product.

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Note – Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ROTATING ELECTRICAL MACHINES – Part 1: Rating and performance

FOREWORD

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International Standard IEC 60034-1 has been prepared by IEC technical committee 2: Rotating machinery.

This thirteenth edition cancels and replaces the twelfth edition published in 2010. It constitutes a technical revision.

The main technical changes with regard to the previous edition are as follows: