

AS 2232, Part 1—1979

Australian Standard<sup>®</sup>

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**HIGH VOLTAGE MOTOR  
STARTERS**

**Part 1—DIRECT-ON-LINE  
(FULL VOLTAGE)  
A.C. STARTERS**

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The following scientific, industrial and governmental organizations were officially represented on the committee entrusted with the preparation of this standard:

Australian-British Trade Association  
Australian Electrical and Electronic Manufacturers Association  
Bureau of Steel Manufacturers of Australia  
Confederation of Australian Industry  
Department of Defence  
Department of Productivity  
Electrical Contractors Associations of Australia  
Electricity Supply Association of Australia  
Institution of Engineers, Australia  
Railways of Australia Committee  
Testing Authorities

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This standard, prepared by a subcommittee of Committee EL/6, Industrial Switchgear and Controlgear, was approved on behalf of the Council of the Standards Association of Australia on 29 November 1978, and was published on 1 April 1979.

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*This standard was issued in draft form for comment as DR 77166.*

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## PREFACE

This standard was prepared by the Association's Committee on Industrial Switchgear and Controlgear. It is the first part of a multi-part standard for high voltage motor starters. Other parts are under consideration.

The standard has been based on the International Electrotechnical Commission's Document 17 (Central Office)935, Draft Specification for High-voltage Motor Starters, Part 1: Direct-on-line (Full Voltage) A.C. Starters. Where this standard deviates technically from the IEC document by way of additional or different requirements, this fact is indicated by a rule in the margin against the clause, or part thereof, affected.

This standard may require reference to the following Australian standards:

- AS 1023 Thermal Protection of Electric Motors
  - Part 1— Built-in Thermal Detectors and Associated Control Units
  - Part 2— Thermal Overload Protective Devices
  - Part 3— Inherent Overheat Protectors
- AS 1034 High Voltage Current-limiting Fuses
- AS 1202 A.C. Motor Starters (up to and including 1000 V)
  - Part 1— Direct-on-line (Full Voltage) Starters
- AS 1431 Control Switching Devices for Voltages up to 650 V a.c. and 250 V d.c.
  - Part 2— Push-button and Related Control Switches (Including Indicator Lights)
- AS 1824 Insulation Coordination
  - Part 1— Basic Principles, Standard Insulation Levels and Test Procedures
  - Part 2— Application Guide
- AS 1852 International Electrotechnical Vocabulary
- AS 1864 High Voltage Alternating Current Contactors
- AS 1931 High Voltage Testing Techniques
  - Part 1— General Definitions, Test Requirements, Test Procedures and Measuring Devices
  - Part 2— Application Guide for Measuring Devices
- AS 2006 High Voltage Alternating Current Circuit-Breakers
- AS 2067 Switchgear Assemblies and Ancillary Equipment for A.C. Voltages above 1 kV
- AS 2086 Metal-enclosed Switchgear and Controlgear for Rated Voltages above 1 kV up to and Including 72.5 kV

AS . . . . Insulation-enclosed Switchgear and Controlgear for Rated Voltages above  
1 kV up to and including 36 kV\*

AS C100 Approval and Test Specification for Definitions and General Requirements  
for Electrical Materials and Equipment

AS C320 Classification of Insulating Materials for Electrical Machinery and  
Apparatus on the Basis of Thermal Stability in Service.

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\* In course of preparation.

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