# Australian Standard®

## SEPARABLE INSULATED CONNECTORS FOR POWER DISTRIBUTION SYSTEMS ABOVE 1 kV

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Australian-British Trade Association

Australian Electrical and Electronic Manufacturers Association

Confederation of Australian Industry

Electricity Supply Association of Australia

Institution of Engineers, Australia

Railways of Australia Committee

**Testing Authorities** 

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#### PREFACE

This standard was prepared by a special Working Group of the Association's Committee on Power Switchgear, following a request from the Electricity Supply Association of Australia.

It applies to a simple and relatively inexpensive method of connection and switching of transformers and other electrical equipment in distribution systems using special flexible cable connectors.

The separable connectors covered by this standard are intended for use only as a part of a fully protected distribution system.

This standard illustrates a number of suitable connection interfaces, and users and manufacturers are encouraged to adopt the interface designs shown. However, connectors with interfaces different from those shown in this standard may be in the course of development.

A recent revision document for ANSI/IEEE Standard 386—1977 was used as the basis for this standard and acknowledgement is made of the assistance received therefrom.

Owing to the fact that separable insulated connectors imported into Australia are manufactured to comply with requirements specified in the country of manufacture and may not be available in a form to comply with all the requirements of AS 1824, Insulation Coordination, certain exemptions are permitted in this standard subject to the agreement of the purchaser.

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