## **Technical Specification**

Adjustable speed electrical power drive systems

Part 8: Specification of voltage on the power interface



This Australian Technical Specification was prepared by Committee EL-027, Power Electronics. It was approved on behalf of the Council of Standards Australia on 24 May 2013. This Technical Specification was published on 5 August 2013.

The following are represented on Committee EL-027:

- Australian Communications and Media Authority
- Australian Industry Group
- Bureau of Steel Manufacturers of Australia
- Engineers Australia
- RMIT University

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SA TS IEC 61800.8—2013

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#### **PREFACE**

This Technical Specification was prepared by the Standards Australia Committee EL-027, Power Electronics.

The objective of this Technical Specification is to provide guidelines for the determination of voltage on the power interface of Power Drive Systems (PDSs).

This Technical Specification is identical with, and has been reproduced from IEC/TS 61800-8, Ed. 1.0 (2010), Adjustable speed electrical power drive systems—Part 8: Specification of voltage on the power interface.

Attention is drawn to the fact that this publication is an adoption of an IEC Technical Specification. While the main task of IEC technical committees is to prepare International Standards, in exceptional circumstances, a technical committee may propose the publication of a technical specification when—

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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		Australian/New Zealand Standard	
IEC		AS/NZS	
61000	Electromagnetic compatibility	61000	Electromagnetic compatibility
	(EMC)		(EMC)
61000-2-4	Part 2-4: Environment—	61000.2.4	Part 2.4: Environment—
	Compatibility levels in industrial		Compatibility levels in industrial
	plants for low-frequency conducted		plants for low-frequency conducted
	disturbances		disturbances

The term 'informative' has been used in this Technical Specification to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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