

Australian Standard™

**Functional safety of electrical/  
electronic/programmable electronic  
safety-related systems**

**Part 5: Examples of methods for the  
determination of safety integrity levels**

This Australian Standard was prepared by Committee IT/6, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 14 July 1999 and published on 5 August 1999.

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*This Standard was issued in draft form for comment as DR 99168.*

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**Functional safety of electrical/  
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First published as AS 61508.5—1999.

## PREFACE

This Standard was prepared by the Standards Australia Committee IT/6, Information Technology for Industrial Automation and Integration. This Standard is identical with and has been reproduced from IEC 61508-5:1998, *Functional safety of electrical/electronic/programmable electronic safety-related systems*, Part 5: *Examples of methods for the determination of safety integrity levels*.

The objective of this Standard is to provide designers of electrical/electronic/programmable electronic devices used in safety-related applications with the concepts and relationship of risk to safety integrity together with methods of determining safety integrity levels.

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