



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50295:1999

ICS 29.130.20

**LOW-VOLTAGE SWITCHGEAR AND  
CONTROLGEAR CONTROLLER AND  
DEVICE INTERFACE SYSTEMS ACTUATOR  
SENSOR INTERFACE (AS-I)**

National Standards  
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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50295**

March 1999

ICS 29.120.60

Descriptors: Low-voltage switchgear, control equipment, automatic systems, interfaces sensor-actuator, definition, classification, marking, performance evaluation, equipment specification, tests

English version

**Low-voltage switchgear and controlgear  
Controller and device interface systems  
Actuator Sensor interface (AS-i)**

Appareillage à basse tension  
Systèmes d'interface appareil de  
commande - appareils  
Interface capteur-actionneur (AS-i)

Niederspannungsschaltgeräte  
Steuerungs- und Geräte-Interface  
Systeme  
Aktuator Sensor Interface (AS-i)

This European Standard was approved by CENELEC on 1998-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**



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### Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 17B, Low-voltage switchgear and controlgear including dimensional standardization.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50295 on 1998-12-01.

There are patent rights linked to EN 50295:1999. The patent holder, SIEMENS Aktiengesellschaft has declared to grant licences to these patents and corresponding patent applications under fair and reasonable terms in accordance with CEN/CENELEC Memorandum 8.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 1999-12-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1999-12-01

Annexes designated "normative" are part of the body of the standard.

In this standard, both annexes A and B are normative.

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