



NSAI
Standards

Irish Standard
I.S. EN 50250:2002&A1:2015

Conversion adaptors for industrial use

I.S. EN 50250:2002&A1:2015

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 50250:2002/A1:2015

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50250:2002/A1

March 2015

ICS 29.120.20

English Version

Conversion adaptors for industrial use

Adaptateurs de conversion pour usages industriels

Übergangsadapter für industrielle Anwendung

This amendment A1 modifies the European Standard EN 50250:2002; it was approved by CENELEC on 2015-01-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This amendment (EN 50250:2002/A1:2015) was prepared by the CLC/SR 23H, "Industrial plugs and socket-outlets".

The following dates are fixed:

- latest date by which this document has to be implemented at (dop) 2016-01-19
national level by publication of an identical national
standard or by endorsement
- latest date by which the national standards conflicting with this (dow) 2018-01-19
document have to be withdrawn

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC)

This standard was amended to correct references in the Annexes.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

EUROPEAN STANDARD

EN 50250

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2002

ICS 29.120.20

Supersedes EN 50250:1998

English version

Conversion adaptors for industrial use

Adaptateurs de conversion
pour usages industriels

Übergangsadapter
für industrielle Anwendung

This European Standard was approved by CENELEC on 2002-07-02. 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

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

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

Foreword

This European Standard was prepared by the CENELEC BTWG 79-1, Conversion adaptors for industrial use.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50250 on 2002-07-02.

This European Standard supersedes EN 50250:1998.

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) 2003-07-01
- latest date by which the national standards
conflicting with the EN have to be withdrawn (dow) 2005-07-01

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

Annexes designated "informative" are given for information only.

In this standard, Annexes AA and CC are normative and Annex BB is informative.

Introduction


This standard applies to conversion adaptors, hereinafter referred to as adaptors, for industrial use comprising a housing incorporating a plug and socket-outlets which can be used to connect one or two plugs of the domestic type to an industrial 2P +  16 A, 250 V~, 6 h, type socket-outlet.

This standard shall be used jointly with EN 60309-1 "Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements", EN 60309-2 "Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories" and with the relevant national standards for socket-outlets for household and similar use (listed in Annex AA).

The clauses in this standard amend or replace the clauses of the above mentioned EN 60309-1.

1 Scope

Replacement:

This standard applies to conversion adaptors intended mainly for industrial use, comprising a housing of insulating material which incorporates an industrial 2P + , 16 A, 6 h 250 V~ type plug part (Table 104 in standard EN 60309-2) and one or two socket-outlets in accordance with the relevant national standards for socket-outlets for household and similar use, with a rated current up to 16 A, intended mainly for industrial use either indoors or outdoors.

Adaptors can be used in conjunction with socket-outlets and/or connectors

This standard applies to all applications where the ambient temperature does not normally exceed 40 °C.

The use of these adaptors on building sites, for agricultural, commercial and domestic applications is not precluded but care should be taken in considering protecting devices in use.

Adaptors are for temporary use only.

In locations where special conditions prevail, for example on board ship or where explosions are liable to occur, additional requirements may be necessary.

2 Normative references

This clause of EN 60309-1 is applicable with the following additions:

EN 60309-1	1999	Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements (IEC 60309-1:1999)
EN 60309-2	1999	Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories (IEC 60309-2:1999)
EN 60529	1991	Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989)
HD 21	Series	Cables of rated voltages up to and including 450/750 V and having thermoplastic insulation

NOTE See Annex AA for national standards for domestic socket-outlets.

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