

Low-voltage switchgear and controlgear —

Part 5-7: Control circuit devices and switching elements — Requirements for proximity devices with analogue output

The European Standard EN 60947-5-7:2003 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN 60947-5-7:2003. It is identical with IEC 60947-5-7:2003. It supersedes BS EN 50319:1999 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee PEL/17, Switchgear, controlgear and HV-LV co-ordination, to Subcommittee PEL/17/2, Low-voltage switchgear and controlgear, which has the responsibility to:

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Low-voltage switchgear and controlgear
Part 5-7: Control circuit devices and switching elements -
Requirements for proximity devices with analogue output
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Appareillage à basse tension
Partie 5-7: Appareils et éléments
de commutation pour circuits
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Prescriptions pour les détecteurs
de proximité à sortie analogique
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Niederspannungsschaltgeräte
Teil 5-7: Steuergeräte und Schaltelemente -
Anforderungen an Näherungssensoren
mit Analogausgang
(IEC 60947-5-7:2003)

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CENELEC

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

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Foreword

The text of document 17B/1277/FDIS, future edition 1 of IEC 60947-5-7, prepared by SC 17B, Low-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60947-5-7 on 2003-09-01.

This standard should be used in conjunction with EN 60947-5-2:1998.

This European Standard supersedes EN 50319:1999.

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) | 2004-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2006-09-01 |

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

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annex G is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60947-5-7:2003 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60381-1	NOTE	Harmonized as HD 452.1 S1:1984 (not modified).
IEC 60770-1	NOTE	Harmonized as EN 60770-1:1999 (not modified).

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INTRODUCTION

This part of IEC 60947 modifies the relevant requirements of IEC 60947-5-2, dealing with the requirements for proximity switches with semiconductor switching elements, to make them applicable to proximity devices with analogue output.