



BSI Standards Publication

Low-voltage switchgear and controlgear - Control switches - Position switches 42,5 x 80 - Dimensions and characteristics

National foreword

This British Standard is the UK implementation of EN 50041:2019. It supersedes EN 50041:1981 (dual numbered as BS 6518:1984), which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/121/1, Low voltage switchgear and controlgear.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2019
Published by BSI Standards Limited 2019

ISBN 978 0 539 01052 7

ICS 29.130.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2019.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

Low-voltage switchgear and controlgear - Control switches -
Position switches 42,5 x 80 - Dimensions and characteristics

Appareillage à basse tension - Auxiliaires de commande -
Interrupteurs de position 42,5x80 - Dimensions et
caractéristiques

Niederspannungs-Schaltgeräte - Hilfsstromschalter -
Positionsschalter 42,5x80 - Maße und Kennwerte

This European Standard was approved by CENELEC on 2019-05-06. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Dimensions	5
4.1 General	5
4.2 Enclosure	5
4.3 Actuator	6
4.3.1 General	6
4.3.2 Roller lever actuator (form A).....	7
4.3.3 Rounded plunger actuator (form B)	8
4.3.4 Roller plunger actuator (form C).....	8
4.3.5 Rod lever actuator (form D).....	9
4.3.6 Rounded plunger side actuator (form F).....	9
4.3.7 Roller plunger side actuator (form G)	10
5 Designation	10
6 Contact unit.....	11
7 Terminal marking.....	11
8 Terminal for protective conductor.....	11
9 Degree of protection	11
Bibliography.....	12

European foreword

This document (EN 50041:2019) has been prepared by CLC/TC 121A “Low-voltage switchgear and controlgear”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-05-06
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-11-06

This document supersedes EN 50041:1981.

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