

## **Blank Detail specification: Push button switches - Assessment level Y**

Blank Detail specification: Push button switches -  
Assessment level Y

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 196403:2002 sisaldab Euroopa standardi EN 196403:1998 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 196403:2002 consists of the English text of the European standard EN 196403:1998.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
--	---

<p><b>Käsitlusala:</b> (A statement of the principal usage features of the device; for example "panel mounting, high current".)</p>	<p><b>Scope:</b> (A statement of the principal usage features of the device; for example "panel mounting, high current".)</p>
---	---

**ICS** 31.220.20

**Võtmesõnad:** electronic components, quality, switches

Descriptors: Quality, electronic components, switches

English version

**Blank Detail Specification:  
Push button switches  
Assessment level Y**

Spécification particulière cadre:  
Interrupteurs à bouton-poussoir  
Niveau d'assurance de qualité Y

Vordruck für Bauartspezifikation:  
Drucktastenschalter  
Gütebestätigungsstufe Y

This European Standard was approved by CENELEC on 1993-06-14. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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**

## Foreword

This European Standard was prepared by CENELEC/TC CECC/SC 23 JX, Switches and sensors.

The text of the draft based on document CECC(Secretariat)3167 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3361, it was approved as EN 196403 on 1993-06-14.

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) 1998-10-01
- latest date by which the national standards  
conflicting with the EN have to be withdrawn (dow) 2004-04-01

NOTE: This specification is published in English and German only. The French text will follow as soon as it has been prepared.

---

## The preparation of Detail Specifications

### General instructions

Detail specifications for push-button switches shall be prepared by completing the following pro-forma as indicated by the guide lines given below and in accordance with EN 196000:1992. The layout given shall be adhered to as closely as is practicable.

Each detail specification shall relate to only one type of push-button switch as defined in 2.2.3 a) of EN 196000:1992 and to one assessment level, but may if found convenient cover more than one style of that type and/or number of variants within each style. For push-button switches, "style" and "variant" have meanings as defined below.

The **style** of a push-button switch of a given type is determined by the following parameters:

- current and voltage ratings
- climatic category

Switches for which it is wished to claim structural similarity shall be of the same type and style, in accordance with 3.2 of EN 196000:1992.

The variants within a style of push-button switch are determined, for example, by the following parameters:

- method of mounting, mounting hole;
- form (of actuator and of case);
- number of contacts, contact arrangement;
- latching or momentary switch, mechanical system;
- sealing;
- operating force;
- terminations;
- illumination (with or without);
- colour (if applicable);
- number of cells and their interlocking arrangements.

The detail specification shall contain all the necessary information to identify the particular type, style(s) and variant(s) of push-button switches which it covers. This information shall include at least the following:

a) Ratings and characteristics

1) Ratings and characteristics shall be taken from the preferred list given in 2.3 of EN 196000:1992 unless more severe values are to be prescribed.

2) Proof voltage shall be determined as stated in 4.3.4.1 b) 3) or 4) of EN 196000:1992.

b) Detailed dimensions including mounting.

c) Number of contacts.

d) Latching or momentary switch.

e) Operating force.

f) Terminations.

g) Sealed or non-sealed.

h) Illumination.

i) Colour.

j) Assessment level.