SLOVENSKI STANDARD
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Low-voltage switchgear and controlgear for industrial use - Terminal marking and distinctive number for particular control switches

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Industrielle Niederspannungs-Schaltgeräte - Anschlußbezeichnungen und Kennzeichen für bestimmte Befehlsgeräte

Appareillage industriel à basse tension - Marquage des bornes et nombre caractéristique pour des auxiliaires de commande particuliers

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English version

Low voltage switchgear and controlgear for industrial use Terminal marking and distinctive number for particular control switches

Appareillage industriel à basse tension.
Marquage des bornes et nombre caracteristique
pour des auxiliaires de commande particuliers

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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

Control switch contacts may be given a distinctive number and terminal marking in accordance with the General rules, EN 50 005. On this basis, it is desirable to lay down more detailed rules for particular control switches, such as those defined in clause **1**.

1. Scope

This standard applies to control switches according to IEC Standard 337-1, with two definite positions (such as push-buttons, limit-switches and similar devices), irrespective of their construction, having terminal marking in accordance with the corresponding marking of contactor relays designated by the distinctive letter E (see EN 50 011).

The use of this standard is recommended where terminal marking is a requirement of the relevant standard for control switches, or is usual practice.

2. Terminal marking rule

The contact terminal marking of a control switch is formed, in principle, by two figures.

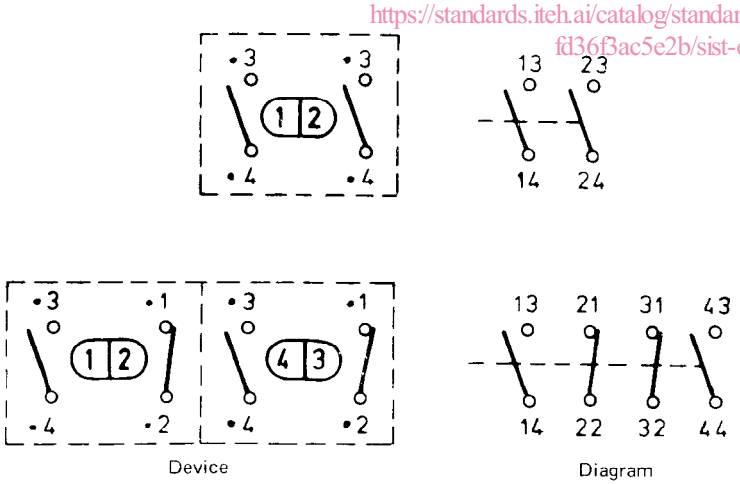
2.1 Function number. The unit number is a function number, i.e.

1 – 2 for break-contacts;
3 – 4 for make-contacts;
1 – 2 – 4 for change-over contacts.

2.2 Sequence number. The figure of the tens is a continuous sequence number beginning with 1 (except for control switches designated 01), independently of the contact function.

The terminals belonging to the *same* contacts are marked with the *same* sequence number.

The sequence number may be omitted from the terminal marking only if additional information provided by the manufacturer or the user clearly gives such number.



NOTE: The dots before the function shown in the above examples are used merely to show the relationship, and do not need to be used in practice.

3. Distinctive number

The quantity and type of the contact elements of a control switch according to this standard are indicated by a distinctive number.

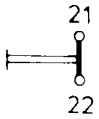
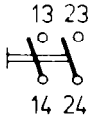
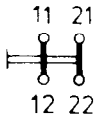
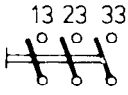
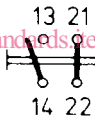
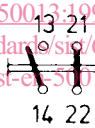
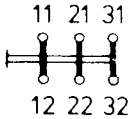
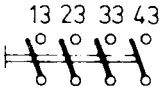
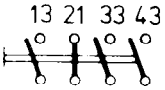
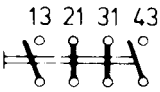
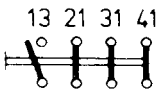
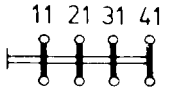
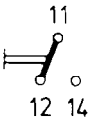
In accordance with EN 50 005, clause 6, the first figure of the distinctive number gives the quantity of make-contact elements the second one the quantity of break-contact elements. The third one, if any, gives the quantity of change-over contact elements in the control switch.

4. Terminal numbering sequence

For control switches having the same distinctive number, the terminal marking is specified according to table 1.

The position of the contact elements on the control switch may not correspond to that shown on the diagram of table 1.

Table 1. Diagrams of control switches

Distinc. number	Contact elements	Distinc. number	Contact elements	Distinc. number	Contact elements	Distinc. number	Contact elements	Distinc. number	Contact elements
10								01	
20		11						02	
30		21		12				03	
40		31		22		13		04	
001									
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