



SLOVENSKI STANDARD

SIST EN 50003:1995

01-december-1995

Low-voltage switchgear and controlgear for industrial use - Dimensions - Fixing holes of motor contactors

Low-voltage switchgear and controlgear for industrial use - Dimensions - Fixing holes of motor contactors

Niederspannungs-Schaltgeräte für industrielle Anwendung - Abmessungen - Motorsschütze: Befestigungslöcher

Appareillage industriel à basse tension - Dimensions - Contacteurs pour moteurs: Trous de fixation

[SIST EN 50003:1995](https://standards.iteh.ai/catalog/standards/sist/12fcd744-4c78-430e-8fbc-ce060962df83/sist-en-50003-1995)

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Ta slovenski standard je istoveten z: EN 50003:1973

ICS:

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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EUROPEAN STANDARD

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NORME EUROPEENNE

EN 50.003

EUROPÄISCHE NORM

First Edition

... 1973

Page 1 (2)

UDC ...
Key words ...

Supersedes ...

English VersionLOW VOLTAGE SWITCHGEAR AND CONTROLGEAR FOR INDUSTRIAL USEDimensions - Fixing Holes for Motor ContactorsAppareillage industriel basse tension
Dimensions
Contacteurs pour moteurs : Trous de
fixationNiederspannung schaltegerate für
industrielle anwendung - Abmessung
Motor schutze : Befestigungslochter

This draft of a European Standard was prepared by European Standards Committee NK2. It is presented to the member organizations of CENELEC for comments.

The adoption of this text by CENELEC as a European Standard commits the member organizations, in accordance with CENELEC regulations, to give this European Standard the status of a national standard at the earliest possible time and without any alteration.

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C E N E L E C
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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für elektrotechnische Normung
GENERAL SECRETARIAT : 4, Galerie Ravenstein, 1000 Brussels.

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Translation from
French text

EUROPEAN STANDARD

<p>LOW VOLTAGE SWITCHGEAR AND CONTROL GEAR FOR INDUSTRIAL USE DIMENSIONS FIXING HOLES FOR MOTOR CONTACTORS</p>	<p>CENELEC CNC/N2-EN 1003 January 1973</p>
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Appareillage industriel basse tension -
Dimensions
Contacteurs pour moteurs: trous de fixation

Niederspannung schaltgerate fur
industrielle anwendung - Abmessung
Motor schutze : Befestigungslocher

This standard constitutes the second supplement to the European Standard EN 1001 "Low voltage switchgear and control gear for industrial use - Dimensions - General Rules".

The first supplement relates to contactor relays

1. Scope

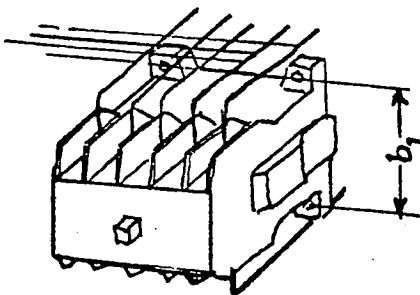
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1.1 This standard applies to motor contactors having the following characteristic

- rated voltage 380 (415) V three phase alternating current of 50 Hz frequency.
- a life of one million electrical operations at a rate which can be, for example, 120 operations per hour for category AC3 according to IEC Publication 158-1 (1970);
- a power not exceeding 11 kW.

1.2 It is recommended that these regulations should also be applied, when technically possible, to motor contactors having other characteristics.

2. Dimensions between centres of fixing holes - value in mm.

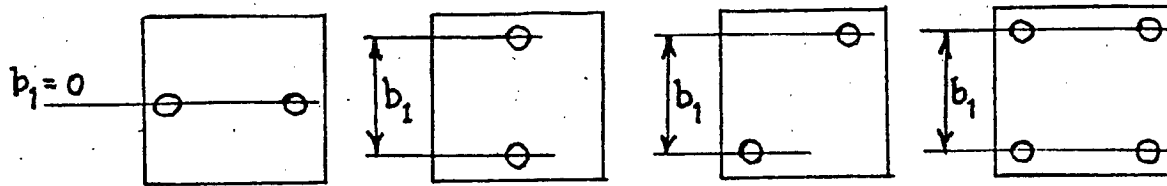


b_1	0	40	50	60	75
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Fixing Arrangements

Fixing holes are dimensioned for M4 screws.
Oblong holes and open slots are allowed.

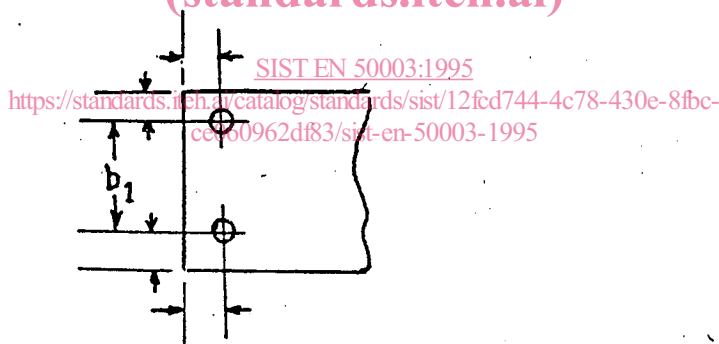
4. Examples of use



These examples are not restrictive.

Quoting positions of fixing holes from the edge of the apparatus

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Comment. on standard EN 1003

The power of the contactors has been limited to 11kW because 90% of motor contactors are for powers of 11 kW or less.

Larger fixing centres can be laid down later for devices of higher powers.

These contactors being often installed with contactor relays, it seemed essential to standardise the same fixing centres.