



SLOVENSKI STANDARD
SIST EN 50002:1995

01-december-1995

Low-voltage switchgear and controlgear for industrial use - Dimensions - Fixing holes of contactor relays

Low-voltage switchgear and controlgear for industrial use - Dimensions - Fixing holes of contactor relays

Niederspannungs-Schaltgeräte für industrielle Anwendung - Abmessung - Hilfsschütze Befestigungslöcher

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/3654a5a2-ccb2-4bf5-aed1-d236ff1a5a07/sist-en-50002-1995>

Ta slovenski standard je istoveten z: EN 50002:1995

ICS:

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
-----------	---	--

SIST EN 50002:1995

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 50002:1995](#)

<https://standards.iteh.ai/catalog/standards/sist/3654a5a2-eeb2-4bf5-aed1-d236ff1a5a07/sist-en-50002-1995>

Translation from
French Text.

EUROPEAN STANDARD

LOW VOLTAGE SWITCHGEAR AND CONTROLGEAR
FOR INDUSTRIAL USE
DIMENSIONS
FIXING HOLES FOR CONTACTOR RELAYS

CENELEC
CNC/N2- EN 50 002

January 1973

appareillage industriel basse tension
Dimensions

Niederspannung schaltgeräte für
industrielle anwendung-Abmessung

Contacteurs auxiliaires : Trous de Fixation Hilfsschütze. : Befestigungslocher

This standard constitutes a supplement to European Standard EN 1001 of 1973
"Low voltage switchgear and control gear for industrial use - Dimensions -
General Rules".

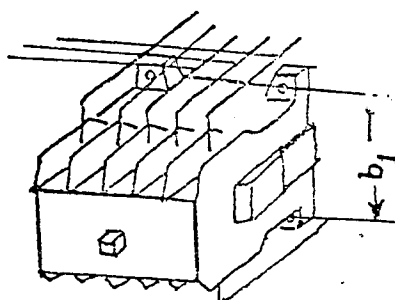
1. Scope

1.1 The present standard applies to contactor relays and primarily to those having from 4 to 10 contacts, of which the rated working voltage does not exceed 380V (415V) alternating current, and the terminals of which each permit the connection of either one or two flexible conductors of 1.5 mm² maximum cross section or of a single flexible conductor of 2.5 mm² maximum cross section.

1.2 It is recommended that these indicated dimensions should also be used for auxiliary contactors having characteristics which differ from those given above.

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

SIST EN 50002:1995
d236ffa5a07/sist-en-50002-1995



b_1	0	40	50	60	(75)
-------	---	----	-----------	----	------

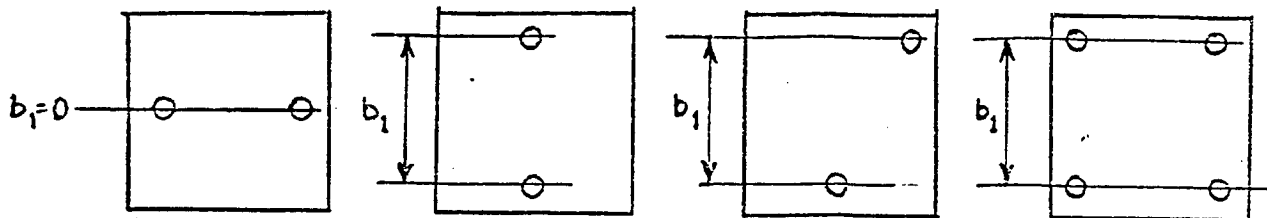
Note The 50 mm distance between centres is in heavy type because it corresponds to the value most frequently quoted during an enquiry concerning contractor relays with up to 8 contacts actually being manufactured.

The 75 mm distance is in brackets because the development of these devices gives reason to suppose that it might not be used in the future.

3. Fixing Arrangements

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

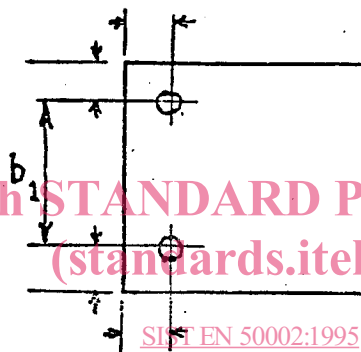
4. Examples of use



These examples are not restrictive

Quoting positions of fixing holes from the edges of the apparatus

Example :



[https://standards.iteh.ai/catalog/standards/sist/3654a5a2-ccb2-4bf5-aed1-](https://standards.iteh.ai/catalog/standards/sist/3654a5a2-ccb2-4bf5-aed1-d23691a5a07/sist-en-50002-1995)

[d23691a5a07/sist-en-50002-1995](https://standards.iteh.ai/catalog/standards/sist/3654a5a2-ccb2-4bf5-aed1-d23691a5a07/sist-en-50002-1995)

Note The results of an enquiry made in 1971 among users of contactor relays in the Common Market showed that it was not possible to choose a single value for dimension b_1 ; this is why the present standard specifies a preferred series.

It was not considered useful to lay down a preferred series for dimension a while the problem of installation systems is still under consideration.