ICS 29.130.20 SLOVENSKÁ TECHNICKÁ NORMA September 2024

STN	**Nízkonapäťové spínacie a riadiace zariadenia Časť 1: Všeobecné pravidlá Oprava AC2**	**STN EN IEC 60947-1/AC2** 35 4101

Low-voltage switchgear and controlgear - Part 1: General rules

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/24

Obsahuje: EN IEC 60947-1:2021/AC:2024, IEC 60947-1:2020/COR2:2024

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60947-1:2021/AC:2024-05

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ICS 29.130.20

English Version

Low-voltage switchgear and controlgear - Part 1: General rules (IEC 60947-1:2020/COR2:2024)

Appareillage à basse tension - Partie 1: Règles générales (IEC 60947-1:2020/COR2:2024)

Niederspannungsschaltgeräte - Teil 1: Allgemeine Festlegungen (IEC 60947-1:2020/COR2:2024)

This corrigendum becomes effective on 10 May 2024 for incorporation in the English language version of the EN.

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

Endorsement notice

The text of the corrigendum IEC 60947-1:2020/COR2:2024 was approved by CENELEC as EN IEC 60947-1:2021/AC:2024-05 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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IEC 60947-1
Edition 6.0 2020-04

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR –

Part 1: General rules

IEC 60947-1
Édition 6.0 2020-04

APPAREILLAGE À BASSE TENSION –

Partie 1: Règles générales

CORRIGENDUM 2

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

Replace existing Table 9 with the following new Table 9:

Table 9 – Test copper conductors for test currents up to 400 A inclusive
(see 9.3.3.3.4)

Range of test current [a] A		Conductor size [b, c, d]	
		mm^2	AWG/kcmil
0	1	0,2 [e]	24
1	2	0,34 [e]	22
2	3	0,5 [e]	20
3	6	0,75 [e]	18
6	8	1,0	-
8	12	1,5	16
12	15	2,5	14
15	20	2,5	12
20	25	4,0	10
25	32	6,0	10
32	50	10	8
50	65	16	6
65	85	25	4
85	100	35	3
100	115	35	2
115	130	50	1
130	150	50	0
150	175	70	00
175	200	95	000
200	225	95	0000
225	250	120	250 kcmil
250	275	150	300 kcmil
275	300	185	350 kcmil
300	350	185	400 kcmil
350	400	240	500 kcmil

[a] The value of test current shall be greater than the first value in the first column and less than or equal to the second value in that column.

[b] For convenience of testing and with the manufacturer's consent, smaller conductors than those given for a stated test current may be used.

[c] The tables give alternative sizes for conductors in the metric and AWG/kcmil system and for bars in millimetres and inches. Comparison between AWG/kcmil and metric sizes is given in Table 1.

[d] Either of the two conductors specified for a given test current range may be used.

[e] For tests other than 9.2.5.7, 1 mm^2 or AWG 18 conductors shall be used.