

STN	Pripájacie svorkovnice pre priechodky od 250 A do 4 000 A pre izolačné transformátory plnené kvapalinou	STN EN 50719 34 8155
------------	--	--

Connecting terminal flags for bushings from 250 A to 4 000 A for insulating liquid filled transformers

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. 06/24

Obsahuje: EN 50719:2024

138725

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD

EN 50719

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2024

ICS 29.180

English Version

Connecting terminal flags for bushings from 250 A to 4 000 A for insulating liquid filled transformers

Cosses à drapeau pour traversées de 250 A à 4 000 A pour
les transformateurs à remplissage de liquide isolant

Anschlussfahnen für Durchführungen von 250 A bis 4 000 A
für flüssigkeitsgefüllte Transformatoren

This European Standard was approved by CENELEC on 2024-02-12. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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

EN 50719:2024 (E)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Requirements	4
4.1	Manufacturing process	4
4.2	Material	4
4.3	General requirements	4
4.4	Standard values of rated current (I_r)	5
4.5	Compliance	5
5	Flag common dimensions	5
5.1	General	5
5.2	Type 250 A	6
5.3	Type 630 A	7
5.4	Type 1 250 A	8
5.5	Type 2 000 A	9
5.6	Type 3 150 A	10
5.7	Type 4 000 A	11
6	Tests	12
6.1	Type tests	12
6.1.1	Temperature rise tests	12
6.1.2	Acceptance	12
6.2	Routine tests	12
Bibliography		13

European foreword

This document (EN 50719:2024) has been prepared by CLC/TC 36A “Insulated bushings”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-02-12
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2027-02-12

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

EN 50719:2024 (E)**1 Scope**

This document is applicable to vertical connecting terminal flags for insulated bushings with rated currents from 250 A to 4 000 A and frequencies from 15 Hz to 60 Hz for liquid immersed equipment.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 60137, *Insulated bushings for alternating voltages above 1 000 V (IEC 60137)*

EN 12165:2016, *Copper and copper alloys - Wrought and unwrought forging stock*

ISO 2768 (series), *General tolerances*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN