

STN	Výkonové transformátory stredného výkonu s frekvenciou 50 Hz, s najvyšším napätím pre zariadenie neprevyšujúcim 36 kV Časť 4: Transformátory s káblovými skriňami na vysokonapäťovej a/alebo nízkonapäťovej strane Káblové skrine typu 2 pre transformátory spĺňajúce požiadavky EN 50588-2	STN EN 50588-4 35 1130
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Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2

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. 08/18

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English Version

Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2

Transformateurs 50 Hz de moyenne puissance, de tension la plus élevée pour le matériel ne dépassant pas 36 kV - Partie 4: Transformateurs raccordés par boîtes à câble côté haute tension et/ou côté basse tension - Boîtes à câbles de type 2 pour utilisation pour transformateurs de distribution conformes aux exigences de la EN 50588-2

Mittelleistungstransformatoren 50 Hz, mit einer höchsten Spannung für Betriebsmittel nicht über 36 kV - Teil 4: Verteiltransformatoren mit Kabelanschlusskästen auf der Ober- und/oder Unterspannungsseite - Kabelanschlusskästen Typ 2 für Verteiltransformatoren nach EN 50588-2

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European foreword

This document (EN 50588-4:2018) has been prepared by CLC/TC 14, "Power transformers".

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) 2018-12-15
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020-12-15

This document supersedes EN 50464-2-3:2007.

The EN 50588 series consists of the following parts, under the general title "Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV":

- Part 1: General requirements
- Part 2: Transformers with cable boxes on the high-voltage and/or low-voltage side – General requirements for transformers with rated power less than or equal to 3150kVA
- Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2
- Part 4: Transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 2 for use on transformers meeting the requirements of EN 50588-2

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EN 50588-4:2018 (E)

1 Scope

Cable boxes described in this European Standard correspond to cable boxes Type 2 in EN 50588-2 and are suitable for assembly on the cover of oil-immersed distribution transformers meeting the requirements of EN 50588-2.

Cable boxes are air-filled, metal- or non-metal enclosed, for high- and/or low-voltage connections in the following variations:

1.1 High-voltage side

- a) Connection directly to bushings;
- b) Connection via busbar system.

1.2 Low-voltage side

- a) Connection directly to bushings (maximum of four connectors per bushing);
- b) Connection via busbar system.

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 50180, *Bushings above 1 kV up to 36 kV and from 250 A to 3,15 kA for liquid filled transformers*

EN 50386:2002, *Bushings up to 1 kV and from 250 A to 5 kA, for liquid filled transformers*

EN 50588-3, *Medium power transformers 50 Hz, with highest voltage for equipment not exceeding 36 kV - Part 3: Transformers with cable boxes on the high-voltage and/or low-voltage side - Cable boxes type 1 for use on transformers meeting the requirements of EN 50588-2*

EN 60076-3, *Power transformers - Part 3: Insulation levels, dielectric tests and external clearances in air (IEC 60076-3)*

EN 60529:1991, *Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN