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STN	**Komunikačné káble. Špecifikácia skúšobných metód. Časť 4-16: Skúšobné metódy vplyvu prostredia. Celistvosť obvodu v podmienkach požiaru.**	**STN EN 50289-4-16** 34 7031

Communication cables - Specifications for test methods - Part 4-16: Environmental test methods - Circuit integrity under fire conditions

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. 03/17

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English Version

Communication cables - Specifications for test methods - Part 4-16: Environmental test methods - Circuit integrity under fire conditions

Câbles de communication - Spécifications des méthodes d'essais - Partie 4-16: Méthodes d'essais d¿environnement - Intégrité du circuit en cas d'incendie

Kommunikationskabel - Spezifikationen für Prüfverfahren - Teil 4-16: Umweltprüfverfahren - Funktionserhalt im Brandfall

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

This document (EN 50289-4-16:2016) has prepared by CLC/TC 46X "Communication cables".

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)	2017-07-22
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This document supersedes EN 50289-4-16:2012.

EN 50289-4-16:2016 (E)

1 Scope

This European Standard, part of EN 50289, specifies the criteria for circuit integrity of control and communication cables – wires, symmetric cables, and coaxial cables with metallic conductors for use in e.g. telecommunication, data transmission, radio frequency, video communication and signalling and control equipment.

The test method is described in EN 50200 and/or EN 50577.

It is essential to use this European Standard with EN 50200 and/or EN 50577 for CPR purpose.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50117-1, *Coaxial cables — Part 1: Generic specification*

EN 50200:2006, *Method of test for resistance to fire of unprotected small cables for use in emergency circuits*

EN 50288-1, *Multi-element metallic cables used in analogue and digital communication and control — Part 1: Generic specification*

EN 50289 (all parts), *Communication cables — Specifications for test methods*

EN 50577, *Electric cables — Fire resistance test for unprotected electric cables (P classification)*

EN 13501-3:2005+A1:2009, *Fire classification of construction products and building elements — Part 3: Classification using data from fire resistance tests on products and elements used in building service installations: fire resisting ducts and fire dampers*