

IEC NORMAS PUBLICADAS

MARÇO E ABRIL

As normas ISO/IEC já estão relacionadas em normas ISO Publicadas

IEC/TC 2 - Rotating machinery

IEC 60034-27-4:2018 - Rotating electrical machines - Part 27-4: Measurement of insulation resistance and polarization index of winding insulation of rotating electrical machines

IEC 60276:2018 PRV - Carbon brushes, brush holders, commutators and slip-rings - Definitions and nomenclature

IEC/TC 9 - Electrical equipment and systems for railways

IEC 60310:2016/COR1:2018 - Corrigendum 1 - Railway applications - Traction transformers and inductors on board rolling stock

IEC 61375-2-6:2018 PRV - Electronic railway equipment - Train communication network (TCN) - Part 2-6: On-board to ground communication

IEC 62236-1:2018 - Railway applications - Electromagnetic compatibility - Part 1: General

IEC 62236-2:2018 - Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world

IEC 62236-3-1:2018 - Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle

IEC 62236-3-2:2018 - Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus

IEC 62236-4:2018 - Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus

IEC 62236-5:2018 - Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus

IEC 62888-1:2018 - Railway applications - Energy measurement on board trains - Part 1: General

IEC 62888-2:2018 - Railway applications - Energy measurement on board trains - Part 2: Energy measurement

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IEC 62888-4:2018 - Railway applications - Energy measurement on board trains - Part 4: Communication

IEC 62995:2018 PRV - Railway applications - Rolling stock - Rules for installation of cabling

IEC/TC 10 - Fluids for electrotechnical applications

IEC 61125:2018 - Insulating liquids - Test methods for oxidation stability - Test method for evaluating the oxidation stability of insulating liquids in the delivered state

IEC TR 62697-2:2018 - Test methods for quantitative determination of corrosive sulfur compounds in unused and used insulating liquids - Part 2: Test method for quantitative determination of total corrosive sulfur (TCS)

IEC TR 62697-3:2018 - Test methods for quantitative determination of corrosive sulfur compounds in unused and used insulating liquids - Part 3: Test method for quantitative determination of elemental sulfur

IEC/TC 14 - Power transformers

IEC 60076-7:2018 - Power transformers - Part 7: Loading guide for mineral-oil-immersed power transformers

IEC TS 60076-20:2017/COR1:2018 - Corrigendum 1 - Power transformers - Part 20: Energy efficiency

IEC TS 60076-23:2018 - Power transformers - Part 23: DC magnetic bias suppression devices

IEC/TC 15 - Solid electrical insulating materials

IEC 62677-3-101:2018 - Heat-shrinkable low and medium voltage moulded shapes - Part 3: Specification for individual materials - Sheet 101: Heat-shrinkable, polyolefin moulded shapes for low voltage applications

IEC/TC 17 - High-voltage switchgear and controlgear

IEC 62271-100:2008/AMD2:2017/COR1:2018 - Corrigendum 1 - Amendment 2 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers

IEC 62271-101:2012/AMD1:2017/COR1:2018 - Corrigendum 1 - Amendment 1 - High-voltage switchgear and controlgear - Part 101: Synthetic testing

IEC 62271-102:2018 PRV - High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches

IEC 62271-110:2017/COR2:2018 - Corrigendum 2 - High-voltage switchgear and controlgear - Part 110: Inductive load switching

IEC/TC 20 - Electric cables

IEC 60230:2018 - Impulse tests on cables and their accessories

IEC 61238-1-1:2018 PRV - Compression and mechanical connectors for power cables - Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV ($U_m = 1,2$ kV) tested on non-insulated conductors

IEC 61238-1-2:2018 PRV - Compression and mechanical connectors for power cables - Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV ($U_m = 1,2$ kV) tested on insulated conductors

IEC 61238-1-3:2018 PRV - Compression and mechanical connectors for power cables - Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) tested on non-insulated conductors

IEC/TC 23 - Electrical accessories

IEC 60320-2-1:2018 - Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers

IEC/TC 25 - Quantities and units

IEC 60375:2018 PRV - Conventions concerning electric circuits

IEC/TC 26 - Electric welding

IEC 60974-9:2018 PRV - Arc welding equipment - Part 9: Installation and use

IEC/TC 34 - Lamps and related equipment

IEC 60238:2016/AMD1:2017/COR1:2018 - Corrigendum 1 - Amendment 1 - Edison screw lampholders

IEC 61347-2-14:2018 - Lamp controlgear - Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps

IEC 62386-216:2018 PRV - Digital addressable lighting interface - Part 216: Particular requirements for control gear - Load referencing (device type 15)

IEC/TC 36 - Insulators

IEC 61466-2/AMD2:2018 PRV - Amendment 2 - Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V Part 2: Dimensional and electrical characteristics

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IEC 60099-5:2018 - Surge arresters - Part 5: Selection and application recommendations

IEC 61643-31:2018 - Low-voltage surge protective devices - Part 31: Requirements and test methods for SPDs for photovoltaic installations

IEC 61643-352:2018 - Components for low-voltage surge protection - Part 352: Selection and application principles for telecommunications and signalling network surge isolation transformers (SITs)

IEC/TC 45 - Nuclear instrumentation

IEC 60709:2018 PRV - Nuclear power plants - Instrumentation, control and electrical power systems important to safety - Separation

IEC 60744:2018 PRV - Nuclear power plants - Instrumentation and control systems important to safety - Safety logic assemblies used in systems performing category A functions: Characteristics and test methods

IEC 61500:2018 PRV - Nuclear power plants - Instrumentation and control systems important to safety - Data communication in systems performing category A functions

IEC 62988:2018 PRV - Nuclear power plants - Instrumentation and control systems important to safety - Selection and use of wireless devices

IEC/TC 46 - Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories

IEC 61196-1-113:2018 - Coaxial communication cables - Part 1-113: Electrical test methods - Test for attenuation constant

IEC 61196-1-303:2018 - Coaxial communication cables - Part 1-303: Mechanical test methods - Test for silver and tin plating thickness

IEC 61196-5:2018 - Coaxial communication cables - Part 5: Sectional specification for CATV trunk and distribution cables

IEC 61196-6-2:2018 - Coaxial communication cables - Part 6-2: Detail specification for 75-4 type CATV drop cables

IEC 61196-6-3:2018 - Coaxial communication cables - Part 6-3: Detail specification for type 75-5 CATV drop cables

IEC 61196-6-4:2018 - Coaxial communication cables - Part 6-4: Detail specification for 75-7 type CATV drop cables

IEC 62153-4-7/AMD1:2018 PRV - Metallic communication cable test methods - Part 4-7: Electromagnetic compatibility (EMC) - Test method for measuring of transfer impedance Z_T and screening attenuation a_S or coupling attenuation a_C of connectors and assemblies up to and above 3 GHz - Triaxial tube in tube method

IEC/TC 47 - Semiconductor devices

IEC 60191-1:2018 - Mechanical standardization of semiconductor devices - Part 1: General rules for the preparation of outline drawings of discrete devices

IEC 60749-13:2018 - Semiconductor devices - Mechanical and climatic test methods - Part 13: Salt atmosphere

IEC 60749-26:2018 - Semiconductor devices - Mechanical and climatic test methods - Part 26: Electrostatic discharge (ESD) sensitivity testing - Human body model (HBM)

IEC 62228-1:2018 - Integrated circuits - EMC evaluation of transceivers - Part 1: General conditions and definitions

IEC 62969-3:2018 PRV - Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors

IEC/TC 48 - Electrical connectors and mechanical structures for electrical and electronic equipment

IEC 60512-8-3:2018 - Connectors for electrical and electronic equipment - Tests and measurements - Part 8-3: Static load tests (fixed connectors) - Test 8c: Robustness of actuating lever

IEC 60512-15-2:2018 - Connectors for electrical and electronic equipment - Tests and measurements - Part 15-2: Connector tests (mechanical) - Test 15b: Insert retention in housing (axial)

IEC PAS 61076-3-126:2018 - Connectors for electrical and electronic equipment - Product requirements - Part 3-126: Rectangular connectors - Detail specification for 5 pole power connector for industrial environments with push-pull locking

IEC 62946-01:2018 PRV - Connectors for electronic equipment - Part 01: Rectangular connectors - Detail specification for 8-way, shielded, free and fixed high density connectors for data transmission with frequencies up to 100 MHz and with current carrying capacity up to 1 A

IEC/TC 55 - Winding wires

IEC 60317-73:2018 - Specifications for particular types of winding wires - Part 73: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular aluminium wire, class 200

IEC 60317-74:2018 - Specifications for particular types of winding wires - Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180

IEC/TC 57 - Power systems management and associated information exchange

IEC TR 62351-90-1:2018 - Power systems management and associated information exchange - Data and communications security - Part 90-1: Guidelines for handling role-based access control in power systems

IEC/TC 59 - Performance of household and similar electrical appliances

IEC 60705/AMD2:2018 PRV - Amendment 2 - Household microwave ovens - Methods for measuring performance

IEC/TC 61 - Safety of household and similar electrical appliances

IEC 60335-2-5:2012+AMD1:2018 CSV - Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers

IEC 60335-2-5:2012/AMD1:2018 - Amendment 1 - Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers

IEC 60335-2-40:2018 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers

IEC 60335-2-71:2018 - Household and similar electrical appliances - Safety - Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals

IEC 60335-2-86:2018 PRV - Household and similar electrical appliances - Safety - Part 2-86: Particular requirements for electric fishing machines

IEC 60335-2-87:2016+AMD1:2018 CSV - Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal stunning equipment

IEC 60335-2-114:2018 PRV - Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes

IEC/TC 62 - Electrical equipment in medical practice

IEC 60601-2-4:2010+AMD1:2018 CSV - Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators

IEC 60601-2-16:2018 PRV - Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment

IEC 60601-2-39:2018 PRV - Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment

IEC TR 61948-3:2018 - Nuclear medicine instrumentation - Routine tests - Part 3: Positron emission tomographs

IEC/TC 64 - Electrical installations and protection against electric shock

IEC 60364-4-41:2005+AMD1:2017 CSV/COR1:2018 - Corrigendum 1 - Low voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock

IEC 60364-4-44:2007+AMD1:2015+AMD2:2018 - Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances

IEC/TC 65 - Industrial-process measurement, control and automation

IEC TR 61511-0:2018 - Functional safety - Safety instrumented systems for the process industry sector - Part 0: Functional safety for the process industry and IEC 61511

IEC 61804-2:2018 - Function blocks (FB) for process control and electronic device description language (EDDL) - Part 2: Specification of FB concept

IEC 62443-4-1:2018 - Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements

IEC 62828-3:2018 PRV - Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters

IEC/TC 69 - Electric road vehicles and electric industrial trucks

IEC 62576:2018 - Electric double-layer capacitors for use in hybrid electric vehicles - Test methods for electrical characteristics

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IEC 60730-2-9:2015+AMD1:2018 CSV - Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing control

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IEC/TC 77 - Electromagnetic compatibility

IEC 61000-3-2:2018 RLV - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

IEC/TC 79 - Alarm and electronic security systems

IEC 62820-3-2:2018 - Building intercom systems - Part 3-2: Application guidelines - Advanced security building intercom systems (ASBIS)

IEC/TC 80 - Maritime navigation and radiocommunication equipment and systems

IEC 61097-7:1996+AMD1:2018 CSV - Global maritime distress and safety system (GMDSS) - Part 7: Shipborne VHF radiotelephone transmitter and receiver - Operational and performance requirements, methods of testing and required test results

IEC 61162-450:2018 PRV - Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection

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IEC 62561-6:2018 - Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC)

IEC 62561-7:2018 - Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds

IEC TS 62561-8:2018 - Lightning protection system components (LPSC) - Part 8: Requirements for components for isolated LPS

IEC/TC 82 - Solar photovoltaic energy systems

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IEC TS 62257-8-1:2018 - Recommendations for renewable energy and hybrid systems for rural electrification - Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems - Specific case of automotive flooded lead-acid batteries available in developing countries

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IEC 61290-4-3:2018 PRV - Optical amplifiers - Test methods - Part 4-3: Power transient parameters - Single channel optical amplifiers in output power control

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IEC 62343-3-4:2018 PRV - Dynamic modules - Part 3-4: Performance specification templates - Multicast optical switches

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IEC TS 62903:2018 - Ultrasonics - Measurements of electroacoustical parameters and acoustic output power of spherically curved transducers using the self-reciprocity method

IEC/TC 91 - Electronics assembly technology

IEC 60068-2-69:2017/COR1:2018 - Corrigendum 1 - Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement)

IEC 61249-2-45:2018 - Materials for printed boards and other interconnecting structures - Part 2-45: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity 1,0 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly

IEC 61249-2-46:2018 - Materials for printed boards and other interconnecting structures - Part 2-46: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass

reinforced laminate sheets of thermal conductivity 1,5 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly

IEC 61249-2-47:2018 - Materials for printed boards and other interconnecting structures - Part 2-47: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity 2,0 W/(m•K) and defined flammability (vertical burning test), copper-clad for lead-free assembly

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IEC 61810-1:2015/COR2:2018 - Corrigendum 2 - Electromechanical elementary relays - Part 1: General and safety requirements

IEC 62246-1-1:2018 - Reed switches - Part 1-1: Generic specification - Blank detail specification

IEC/TC 100 - Audio, video and multimedia systems and equipment

IEC 60728-2:2018 - Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment

IEC 61938:2018 RLV - Multimedia systems - Guide to the recommended characteristics of analogue interfaces to achieve interoperability (GMT)

IEC 62684:2018 - Interoperability specifications of common external power supply (EPS) for use with data-enabled mobile telephones

IEC 62702-1-1:2016/COR1:2018 - Corrigendum 1 - Audio archive system - Part 1-1: DVD disk and data migration for long term audio data storage

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IEC 61340-4-5:2018 - Electrostatics - Part 4-5: Standard test methods for specific applications - Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person

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IEC 60068-3-5:2018 - Environmental testing - Part 3-5: Supporting documentation and guidance - Confirmation of the performance of temperature chambers

IEC 60068-3-6:2018 - Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/ humidity chambers

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IEC 61747-40-5:2018 - Liquid crystal display devices - Part 40-5: Mechanical testing of display cover glass for mobile devices - Strength against dynamic impact by a sharp object with the specimen rigidly supported

IEC 61747-40-6:2018 - Liquid crystal display devices - Part 40-6: Mechanical testing of display cover glass for mobile devices - Retained biaxial flexural strength (abraded ring-on-ring)

IEC 62595-2-2:2018 - Display lighting unit - Part 2-2: Measuring methods of LED light bars used in LCD BLUs

IEC 62595-2-3:2018 - Display lighting unit - Part 2-3: Electro-optical measuring methods for LED frontlight unit

IEC 62906-5-4:2018 - Laser display devices - Part 5-4: Optical measuring methods of colour speckle

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IEC 62631-2-1:2018 - Dielectric and resistive properties of solid insulating materials - Part 2-1: Relative permittivity and dissipation factor - Technical Frequencies (0,1 Hz - 10 MHz) - AC Methods

IEC 62631-3-11:2018 - Dielectric and resistive properties of solid insulating materials - Part 3-11: Determination of resistive properties (DC Methods) - Volume resistance and volume resistivity - Method for impregnation and coating materials

IEC/TC 113 - Nanotechnology for electrotechnical products and systems

IEC TS 62607-4-6:2018 - Nanomanufacturing - Key control characteristics - Part 4-6: Nano-enabled electrical energy storage devices - Determination of carbon content for nano electrode materials, infrared absorption method

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