

**CODES & STANDARDS**

IEC 60034	Rotating Electrical Machines
IEC 60038	IEC Standard Voltages
IEC 60044-1	Current Transformers
IEC 60050	International Vocabulary
IEC 60071	Insulation Co-ordination
IEC 60076	Power Transformers
IEC 60079	Electrical Apparatus for Explosive Atmospheres
IEC 60083	Plugs and socket outlets for domestic and similar general use
IEC 60085	Thermal Evaluation and classification of electrical insulation
IEC 60086	Primary Batteries
IEC 60099	Lightning Arrestors
IEC 60137	Insulated bushings for alternating voltages above 1000V
IEC 60146	Semiconductor Converters
IEC 60156	Insulating liquids – Determination of the breakdown voltage at power frequency – Test method
IEC 60183	Guide to Selection of High Voltage Cables
IEC 60186	Voltage transformers
IEC 60214	On load tap changers
IEC 60227	PVC insulated cables and conductors of rated voltages up to and including 450/750V
IEC 60228	Conductors of insulated cables
IEC 60255	Electrical relays
IEC 60265	High voltage switches
IEC 60269	Low voltage fuses
IEC 60282	High voltage fuses
IEC 60287	Calculation of continuous current rating of cables
IEC 60289	Reactors
IEC 60309	Plugs, Socket outlets and couplers for industrial purposes
IEC 60331	Fire resisting characteristics of electric cables
IEC 60332	Tests on electrical cables under fire conditions
IEC 60364	Electrical installations of buildings

IEC 60445	Identification of equipment terminals and of terminations of certain designated conductors including general rules for alpha numerical systems
IEC 60446	Basic safety principles for Man-Machine Interface, Marking and Identification
IEC 60470	High Voltage A.C contactors
IEC 60473	Dimensions for panel mounted indicating and recording electrical measuring instruments
IEC 60502	Power cables with extruded insulation and their accessories for rated voltages from 1 kV up to 30 kV
IEC 60529	Degrees of protection provided by enclosure (IP code)
IEC 60536	Classification of electrical and electronic equipment with regard to protection against electric shock
IEC 60542	Application guide for on-load tap changers
IEC 60598	Practical Guide to Testing and Certification requirements for Luminaires
IEC 60617	Graphical Symbols for Diagrams
IEC 60664	Insulation co-ordination for equipment within low voltage systems
IEC 60688	Electrical measuring transducers for converting a.c electrical quantities to analog or digital signals
IEC 60726	Dry type transformers
IEC 60742	Isolating transformers and safety isolating transformers
IEC 60754	Test on gases evolved during combustion of materials for cables
IEC 60755	General requirements for residual current operated protective devices
IEC 60801	EMC for industrial process measurement and control equipment
IEC 60811	Common test methods for insulating and sheathing materials of electrical cables
IEC 60815	Guide for selection of insulators in respect of polluted conditions
IEC 60849	Sound Systems for Emergency Purposes
IEC 60865	Short circuit currents calculation of effects
IEC 60909	Short circuit current calculation in three phase AC systems
IEC 61000	Electromagnetic Compatibility
IEC 61034	Measurement of Smoke Density of cables burning under defined conditions

IEC 61439	Low voltage switchgear and controlgear assemblies
IEC 61508	Functional safety of electrical/electronic/programmable electronic safety-related systems
IEC 61800	Adjustable Speed Electrical Power Drive Systems
IEC 62040	Uninterruptible Power Systems
IEC 62271	High Voltage Switchgear and Controlgear
IEC 62305	Protection against lightning
545-A	API/EI Technical Report – Verification of lightning protection requirements for above ground hydrocarbon storage tanks
API 540	Electrical Installations in petroleum processing plants
API 505	Hazardous Area Classification for Electrical Installations in petroleum facilities
IES	Illuminating Engineering society
IP 15	IP Model of Safe Practice
IEEE – 80	Guide for safety in alternating current substation grounding
BS 1363	Specification for rewirable and non-rewirable 13 A fused plugs
BS 5467	Armoured Low Voltage Power Cables
BS 6004	Electric cables. PVC insulated and PVC sheathed cables for voltages up to and including 300/500 V, for electric power and lighting
BS 6651	Code of Practice for Protection of structures against Lightning
BS 7671	Requirements for Electrical Installations. IET Wiring Regulations