# Reference to DIN VDE Standards

## Power Installations

- **DIN VDE 0100**
  - Erection of power installations with rated voltages below 1000 V
- **DIN VDE 0100 part 100**
  - General requirements, scope
- **DIN VDE 0100 part 410**
  - Protective measures and protection against electric shock
- **DIN VDE 0100 part 430**
  - Protection of cables against overcurrent
- **DIN VDE 0100 part 482**
  - Choice of protective measures, protection against fire
- **DIN VDE 0100 part 520/part 530**
  - Selection and erection of equipment – cable, wires and wiring systems
- **DIN VDE 0100 part 559**
  - Luminaries and lighting equipment
- **DIN VDE 0100 part 701 to part 705**
  - Roofted swimming pools (swimming baths) and open air swimming baths
- **DIN VDE 0100 part 720**
  - Fire-hazards locations
- **DIN VDE 0100 part 726 up to 0 part 737**
  - Laying of cables in hollow walls and in buildings made up mainly flammable building materials
- **DIN VDE 0101**
  - Erection of power installations with rated voltages above 1 kV
- **DIN VDE 0105**
  - Operation of power installations
- **DIN VDE 0107**
  - Electrical installations in hospitals and locations for medical use outside hospitals
- **DIN VDE 0108 part 1 up to part 100**
  - Power installations and safety power supply in comunal facilities, stores and shops and exhibition rooms, multi-storey buildings, Restaurants, closed car parks and working or business premises
- **DIN VDE 0113**
  - Electrical equipment of industrial machines
- **DIN VDE 0118**
  - Erection of electrical installations in mines
- **DIN VDE 0165**
  - Installation of electrical apparatus in hazardous areas
- **DIN VDE 0166**
  - Electrical installations and apparatus thereof for use in atmospheres potentially endangered by explosive material
- **DIN VDE 0168**
  - Erection of electrical installation in open cast mines quarries and similar plants
- **DIN VDE 0170/0171**
  - Electrical apparatus for potentially explosive atmospheres
- **DIN VDE 0185**
  - Lightning protection system, protection of structures against lightning
- **DIN VDE 0207 part 1 up to part 24**
  - Insulating and sheathing compounds for cables and flexible cords
- **DIN VDE 0245 part 1**
  - Cables and cords for electrical and electronic equipment in power installations
- **DIN VDE 0245 part 101 up to part 202**
  - Flexible PVC-insulated control cable
- **DIN VDE 0250 part 1 up to part 819**
  - Cables, wires and flexible cords for power installation
- **DIN VDE 0253**
  - Heating – cables

## Power guides

- **DIN VDE 0262**
  - XLPE (cross linked PE) insulated and PVC sheathed installationscable up to 0,6/1 kV
- **DIN VDE 0265**
  - Cables with plastic-insulated lead-sheat for power installation
- **DIN VDE 0266 part 3 and part 4**
  - Halogen-Free cables with improved characteristics in the case of fire, with reduced fire propagation and continuance of isolation for use in the containment of nuclear power plants
# Reference to DIN VDE Standards

## Power guides
- **DIN VDE 0271**
  - PVC-insulated cables and sheathed power cables for rated voltages up to and including 3,6/6 (7,2) kV
- **DIN VDE 0276 part 603**
  - Distribution cables of nominal voltages U₉/U₀,6/1 kV
- **DIN VDE 0276 part 604**
  - Power cables of nominal voltages U₉/U 0,6/1 kV with special fire performance for use in power stations
- **DIN VDE 0276 part 604/605**
  - Additional test methods
- **DIN VDE 0276 part 620**
  - Distribution cables of nominal voltages U₉/U 3,6 kV to 20,8/36 kV
- **DIN VDE 0276 part 1000**
  - Current-carrying capacity, general; conversion factors
- **DIN VDE 0276 part 1001**
  - Tests on cables laid with nominal voltages U₉/U 6/10 kV, 12/20 kV and 18/30 kV with PVC-insulation, VPE-insulation or paper insulation.
- **DIN VDE 0277**
  - Primary cables for airport lighting
- **DIN VDE 0281 part 1 to part 404**
  - PVC-cables, wires and flexible cords for power installation
- **DIN VDE 0282 part 1 to part 808**
  - Rubber cables and flexible cords for power installation, heat-resistant silicon rubber insulated cable, halogen-free insulated cable arc welding cable, rubber insulated lift cable, rubber-sheathed flexible cables
- **DIN VDE 0284**
  - Mineral insulated cables with a rated voltages not exceeding 750 V
- **DIN VDE 0289 part 1 to part 101**
  - Definitions for cables, wires and flexible cords for power installation
- **DIN VDE 0292**
  - Code designation for harmonized cables and flexible cords for power installations
- **DIN VDE 0293**
  - Core identification for cables and flexible cords used in power installation
- **DIN VDE 0295**
  - Conductors of cables, wires and flexible cords for power installation
- **DIN VDE 0298 part 1 to part 300**
  - Application of cables and flexible cords in power installations

## Testing, measurement
- **DIN VDE 0472 part 1 to part 818**
  - Testing of cables, wires and flexible cords
- **DIN VDE 0473 up to part 811**
  - Insulating and sheathing materials of electric cables; Common test methods
- **DIN VDE 0482 up to part 268**
  - Measurement of smoke density of cables

## Telecommunications, Switchboard and Installations-cable
- **DIN VDE 0800 part 1 to part 10**
  - Telecommunications
- **DIN VDE 0811**
  - Ribbon cables with round conductors, with a pitch of 1,27 mm
- **DIN VDE 0812**
  - Equipment wires and stranded equipment wires of telecommunications system
- **DIN VDE 0813**
  - Switchboard cables for telecommunications system
- **DIN VDE 0814**
  - Cords for telecommunications system
- **DIN VDE 0815**
  - Wiring cables for telecommunications system (indoor cable)
- **DIN VDE 0816 part 1 to part 3**
  - Outdoor cables for telecommunications system
- **DIN VDE 0817**
  - Cables with stranded conductors for increased mechanical stress for telecommunications system
- **DIN VDE 0818**
  - Self-supporting telecommunication aerial cables on overhead power lines above 1 kV
- **DIN VDE 0839**
  - Electromagnetic compatibility
- **DIN VDE 0881**
  - Equipment wires and flexible equipment wires with extended temperature
- **DIN VDE 0891 part 1 to part 10**
  - Special directions and guidings principles of cables and insulated wires
- **DIN VDE 0899 part 1 up to part 5**
  - Special specification for optical fiber, single cores, indoor and outdoor cables