

## **1 Lighting technology and systems**

### **1.1 Lights**

- 1.1.1 Architecture lighting
- 1.1.2 Decorative lamps
- 1.1.3 Explosion protected lamps
- 1.1.4 Business and sales floor lighting
- 1.1.5 Lights with increased protection category
- 1.1.6 Emergency and safety lighting
- 1.1.7 Street lighting and outdoor luminaires
- 1.1.8 Technical indoor lighting for offices and administration
- 1.1.9 Technical indoor lighting for industry and commerce
- 1.1.10 Technical indoor lighting for medical facilities
- 1.1.11 Technical indoor lighting for shops and retail / accent lights
- 1.1.12 Living room lighting

### **1.2 Lighting**

- 1.2.1 Discharge lamps
- 1.2.2 LED

### **1.3 Light accessories**

### **1.4 Light control, light management and light measurement**

## **2 Roof**

- 2.1 Waterproofing, drainage
- 2.2 Lightning, exits, ventilations
- 2.3 Insulation
- 2.4 Facade, exterior wall
- 2.5 Flat roof
- 2.6 Timber construction
- 2.7 Cranes, scaffolds, ladders
- 2.8 Pitched roof
- 2.9 Drywall construction

## **3 Services / education and further training / EDP**

### **3.1 Education and further training**

### **3.2 Authorities and institutions**

### **3.3 Consulting service providers**

### **3.4 Software**

- 3.4.1 BIM
- 3.4.2 Administration software
- 3.4.3 Technical software

### **3.5 Associations**

### **3.6 Publishers**

## **4 Electrical installations and building system technology**

### **4.1 Drive technology / assemblies**

- 4.1.1 Drive technology
- 4.1.2 Assemblies
- 4.1.3 Small transformers
- 4.1.4 Control technology

### **4.2 E-Mobility**

- 4.2.1 Electrical components and electric vehicles
- 4.2.2 Electric vehicles
- 4.2.3 Charging apps and payment systems
- 4.2.4 Charging pillars, wall boxes
- 4.2.5 Load management (dynamic)

### **4.3 Reception aerials and broadband distribution technology**

- 4.3.1 Aerials + supporting structures
- 4.3.2 Splicing devices
- 4.3.3 Distribution systems (broadband, aerial, internet)

### **4.4 Home and building system technology**

- 4.4.1 Single room control
- 4.4.2 Building automation
- 4.4.3 KNX and Bus technology for private, public and commercial buildings

### **4.5 Information and communication technology**

- 4.5.1 Telecommunication devices and systems, audio and video transfer
- 4.5.2 Home and building communication
- 4.5.3 Network technology

### **4.6 Installation devices and systems**

- 4.6.1 Earthing, equipotential bonding, surge protection, overvoltage protection

- 4.6.2 Installation switch and connector systems
- 4.6.3 Protective switchgear, DIN rail-mounted devices, fuses
- 4.6.4 Counters and switch cabinets, distribution systems
- 4.6.5 Time switches and clocks
- 4.6.6 Other switching and control devices, sensors
- 4.7 Cables and lines, cabling systems, connection material**
  - 4.7.1 Cables and lines
  - 4.7.2 Channel, cabling and fixing systems
  - 4.7.3 Connecting materials, shrink-fit and cast resin technology
  - 4.7.4 Wall ducts, insulation systems for walls and ceilings

## **5 Energy management**

- 5.1 Energy generation**
- 5.2 Energy conversion**
- 5.3 Energy storage**
- 5.4 Power supply**
  - 5.4.1 Power supply units
  - 5.4.2 UPS systems
- 5.5 Energy distribution**
- 5.6 Medium-voltage switchgears**
- 5.7 Low-voltage switchgears**
- 5.8 Smart Grid**

## **6 Hazard alerting, security and surveillance systems**

- 6.1 Motion and presence sensors**
- 6.2 Fire protection**
  - 6.2.1 Technical fire protection
  - 6.2.2 Structural fire protection
  - 6.2.3 Operational fire protection
- 6.3 Electroacoustic systems**

## **6.4 Mechanical and electromechanical safety technology**

## **6.5 Reporting, alarm and signal systems**

## **6.6 Paging systems**

## **6.7 Video and display systems**

## **6.8 Access control systems and**

## **7 Heating technology**

- 7.1 Electrical heating systems**
- 7.2 Electrical storage devices**
- 7.3 Surface heating systems**
- 7.4 Gas heating**
- 7.5 Boilers/burners**
- 7.6 Radiators and covers**
- 7.7 Fireplaces / fireplace systems**
- 7.8 Local and district heating**
- 7.9 Oil burners / oil heating**
- 7.10 Chimneys / chimney attachments**

## **8 Air-conditioning and ventilation technology**

- 8.1 Cooling technology**
- 8.2 Air-conditioning**
- 8.3 Systems with heat recovery**
- 8.4 Fans and components**
- 8.5 Home ventilation systems**
- 8.6 Supply and exhaust air systems**

## **9 Measuring and test devices, Measuring technology**

- 9.1 Measurement and sensor systems**
- 9.2 Measuring devices**
- 9.3 Test devices and systems**

## **10 Sanitary technology**

- 10.1 Bathroom equipment**
- 10.2 Drainage equipment/systems**
- 10.3 Pipes and drains**
- 10.4 Sanitation objects**
- 10.5 Sanitation fittings**
- 10.6 Drinking water systems**
- 10.7 Water treatment**
- 10.8 Water-bearing systems**

## **11 Systems for renewable energy generation and management**

- 11.1 Biomass heating systems**
- 11.2 Cogeneration of heat and power units/power-heat coupling**
- 11.3 Fuel cell**
- 11.4 Geothermal energy**
- 11.5 Hybrid systems**
- 11.6 Photovoltaic**
- 11.7 Solar heating**
- 11.8 Heat pumps**
- 11.9 Hydropower plants / wind turbines**
- 11.10 Hydrogen technology**

## **12 Tools and operating equipment**

- 12.1 Professional clothing and personal protective equipment**
- 12.2 Marking and labelling equipment as well as systems**
- 12.3 Constructive and organisation protective equipment**
- 12.4 Storage and transport systems**
- 12.5 Tools, workshop equipment**