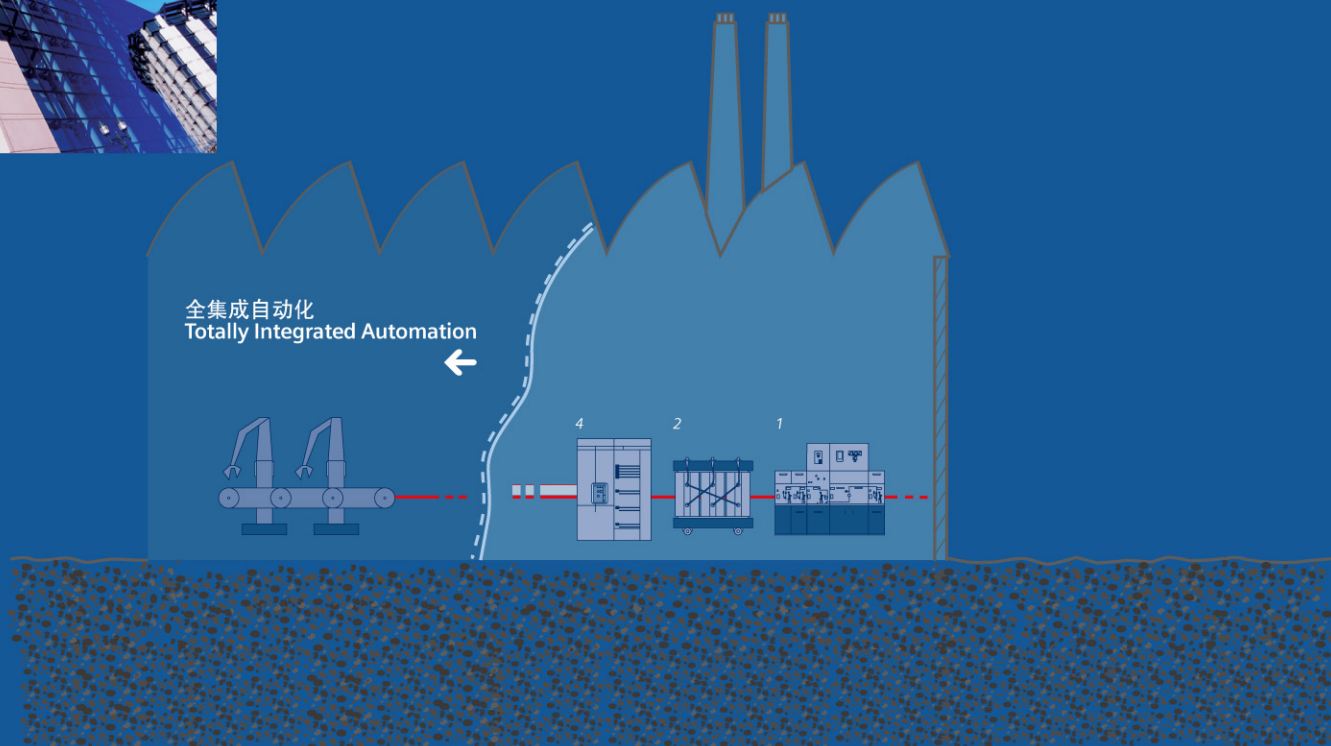


# 配电产品与系统

## Products and systems for power distribution



### 1 中压开关设备

- 型式试验
- 铠装
- 高度可靠
- 免维护气体绝缘开关设备；低维护空气绝缘开关设备

### 2 GEAFOL 变压器

- 低可燃性，自灭火
- 着火时无毒气释放
- 从部分放电到两倍额定电压的自由度，增长了使用寿命
- 真空铸造高压线圈

### 3 母线槽系统

- 失火负荷低，具有较高的阻燃性
- 短路强度高
- 灵活的输出馈电器

### 4 低压配电盘

- 母线电流可高达 7,400A
- 通过型式试验，可保证安全和质量
- 多种组合

### 5 小型配电盘、靠墙与地面安装配电盘、仪表柜

- 平台设计
- 对任意大小房间的定制设计

- 高度灵活性

### 6 断路器

- 模块化设计，有上千种组合
- 总线接口，可集成上位通讯系统
- 高达 6,300A 的广泛性能范围

### 7 隔离开关

- 以最小模块宽度实现最大安全性
- 安装快速、简单
- 高短路电流的安全控制

### 8 线路保护装置

- 熔断系统，剩余电流控制保护装置，微型断路器，冲击电流、过压和装置保护
- 全面保护系统
- 完美协同部件
- 有关安全的所有方面

### 9 开关柜与控制装置

- 手动和电动开关
- 时间开关、信号、测量与监控装置
- 安全、快速和精确开关
- 每个开关状态的完全控制与监控

### 10 开关与插座

- 多功能开关和插座系列
- 灵活的系统

- 方便的总线系统接口

### 11 能源自动化

- 开关故障保护
- 快速故障分析
- 信息管理
- 提高可靠性

### 12 能源管理

- 能耗优化
- 负载曲线检测
- 成本分配与负载管理
- 按照成本-效益标准进行合分

### 13 保护装置与系统

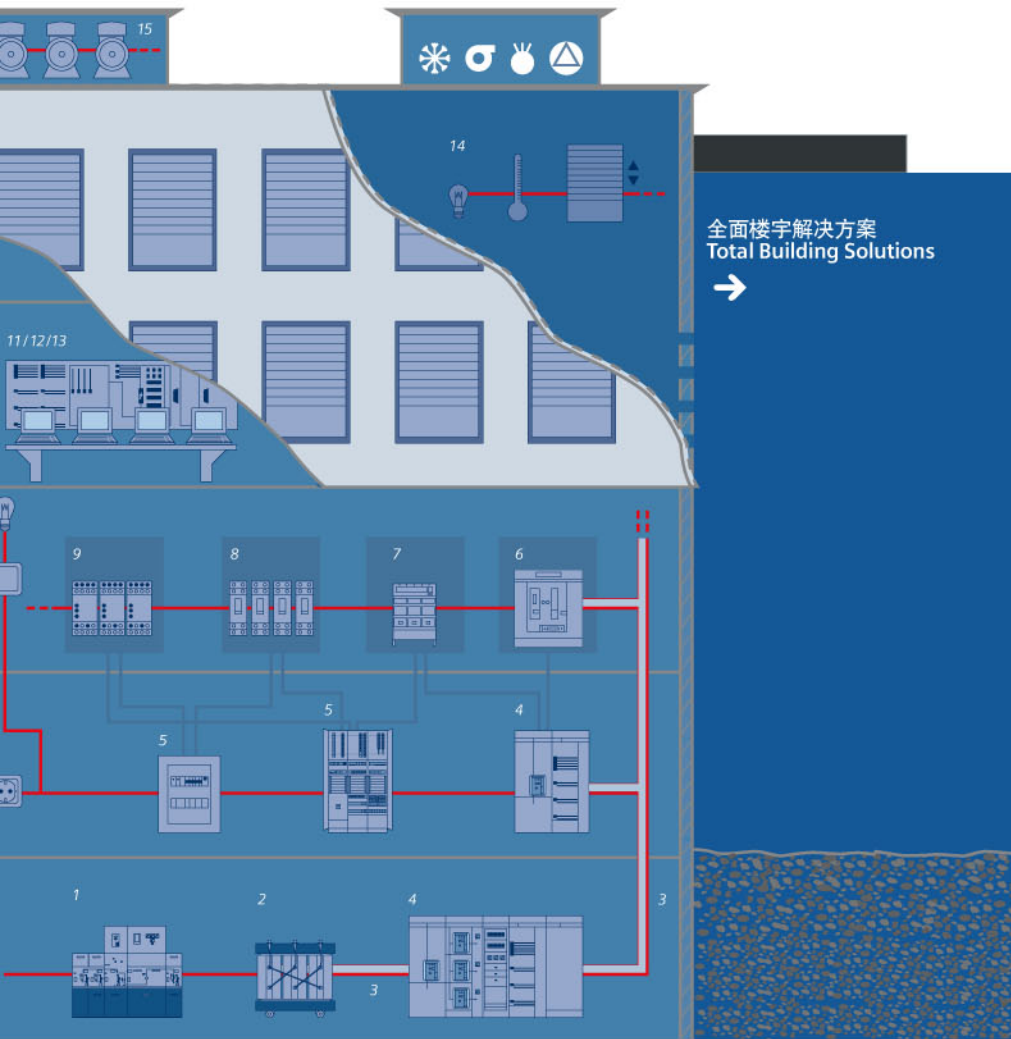
- 通过快速开关保护重要设备
- 选择性故障脱扣

### 14 房间功能

- 温度控制、照明与百页窗控制
- 楼宇自动化的智能系统技术
- 与标准总线系统的接口

### 15 驱动

- 适用于每个任务的全系列高效电机与变频器
- 易于集成到自动化解决方案中
- 经济可靠运转



### 全面楼宇解决方案 Total Building Solutions



#### 1 Medium-voltage switchgear

- Type-tested
- Metal clad
- High degree of reliability
- Gas-insulated switchgear maintenance-free; air-insulated switchgear low-maintenance

#### 2 GEAFOL transformers

- Low flammability, self-extinguishing
- No toxic gas emission in case of fire
- Long service life due to freedom from partial discharges up to twice the rated voltage
- Vacuum-cast high-voltage winding

#### 3 Busway systems

- Low fire load
- High short-circuit strength
- Flexible outgoing feeders

#### 4 Low-voltage switchboards

- For all applications up to 7,400 A busbar current

- Type test as proof of safety and quality
- Multiple combinations possible

#### 5 Mini distribution boards, wall- and floor-mounted distribution boards, meter cabinets

- Platform design
- Customized design for any room size
- High degree of flexibility

#### 6 Circuit breakers

- Modular design for thousands of combinations
- Bus interfacing enables integration in higher-level communication solutions
- Wide performance range up to 6,300 A

#### 7 Switch disconnectors

- Maximum safety at minimum modular width

- Fast and easy mounting
- Safe control of high short-circuit currents

#### 8 Circuit-protection devices

- Fuse systems, residual-current-operated protective devices, miniature circuit breakers, lightning current, overvoltage and device protection
- Comprehensive protection systems
- Perfectly matched components
- All aspects of safety

#### 9 Switchgear and control devices

- Manually operated and electrical switches
- Time switches, signalling, measuring and monitoring devices
- For safe, fast and precision switching
- Perfect control and monitoring of every switching state

#### 10 Switches and outlets

- Multi-purpose product range for switches and outlets
- Flexible system
- High-convenience interfacing to bus systems

#### 11 Energy automation

- Switching fault protection
- Rapid fault analysis
- Information management
- Increased reliability

#### 12 Power management

- Energy cost optimization
- Load curve detection
- Cost allocation and load management
- Switching according to cost-effective criteria

#### 13 Protective devices and systems

- Protection of the primary equipment through rapid switching
- Selective fault tripping

#### 14 Room functionality

- Temperature control, lighting and shutter control
- Intelligent system technology for building automation
- Interfacing to standard bus systems

#### 15 Drives

- Complete range of high-efficiency motors and converters for every task
- Easy to integrate in automation concepts
- Economical and reliable operation