
Distribution systems according to customer's wishes



Presentation

Okken is a modular assembled low voltage switch gear for energy distribution and for switching gears at motors. It meets the international norms for type-tested switch gear combinations (TSC):

- VDE 0660 part 500
- IEC 60439-1

The listed norms are part of the type tests under real conditions.

Okken guarantees high availability, flexibility and safety in the operation of the system.

Standards

The switch gear meets the requirements for the following norms:

- Type-tested switch gear combination IEC 60439-1
- Definition of housing protection IEC 60529
- Arc security (100 kA eff. 0.3 s) IEC 61641
- Weather-resistance IEC 60068-2

General properties

Standard production: IEC 60439-1; IEC 60529

System: Modular

Cabinet type: Indoor setup Protection types: IP31/41/54

- Compact dimensions
- High personal safety
- High system availability
- Newly configurable while in operation
- Maintenance friendly

Electrical properties

Rated insulation voltage U_i : 1000 V AC

Rated operating voltage U_e : 400 V AC

Rated frequency f : 50 Hz

Rated short-term current I_{cw} : bis 100 (150) kA eff./1 s

Rated surge current I_{pk} : bis 220 kA

Rated current

Horizontal busbar: up to 7300 A

Vertical busbar: up to 4000 A PCC; up to 2100 A MCC