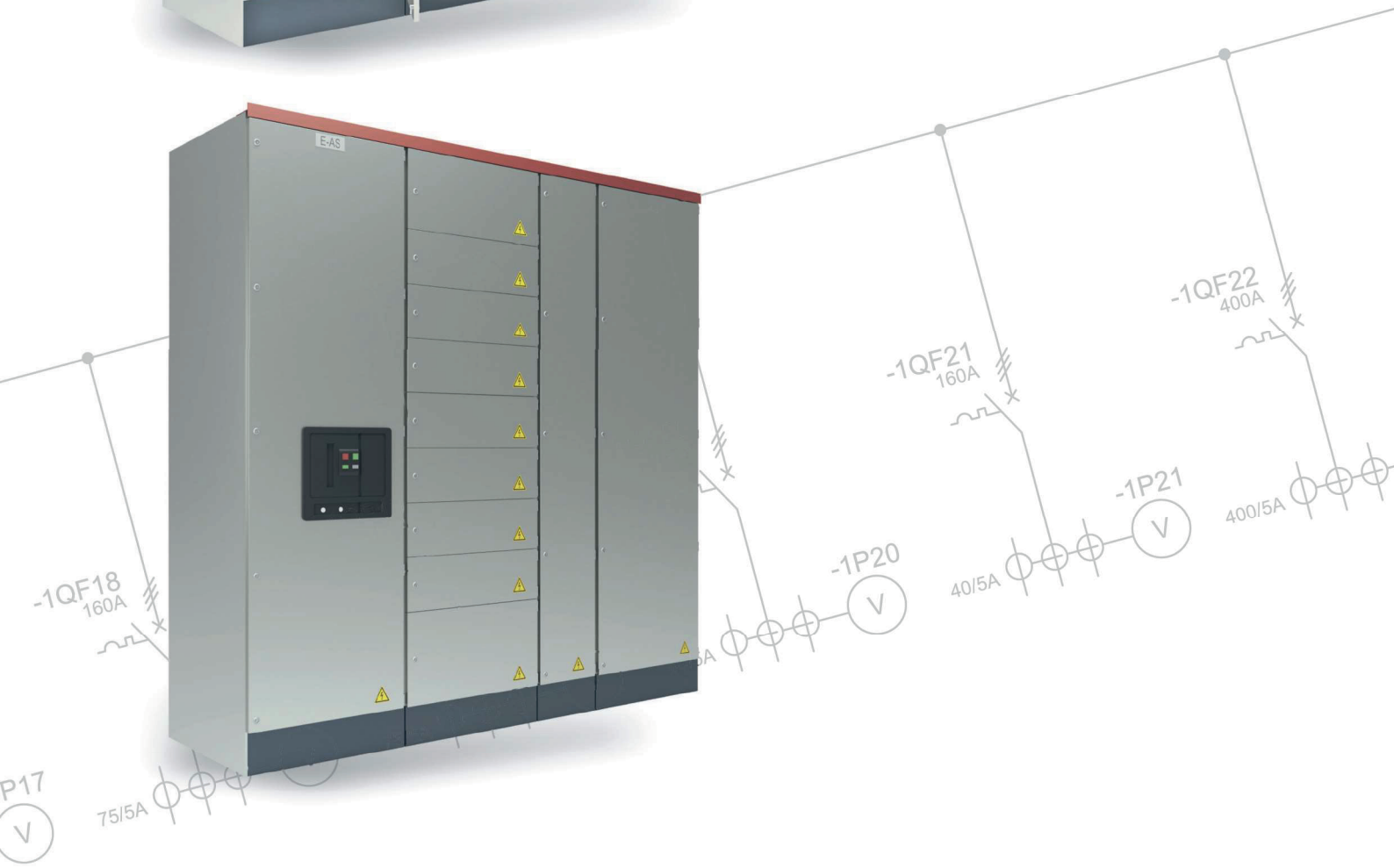
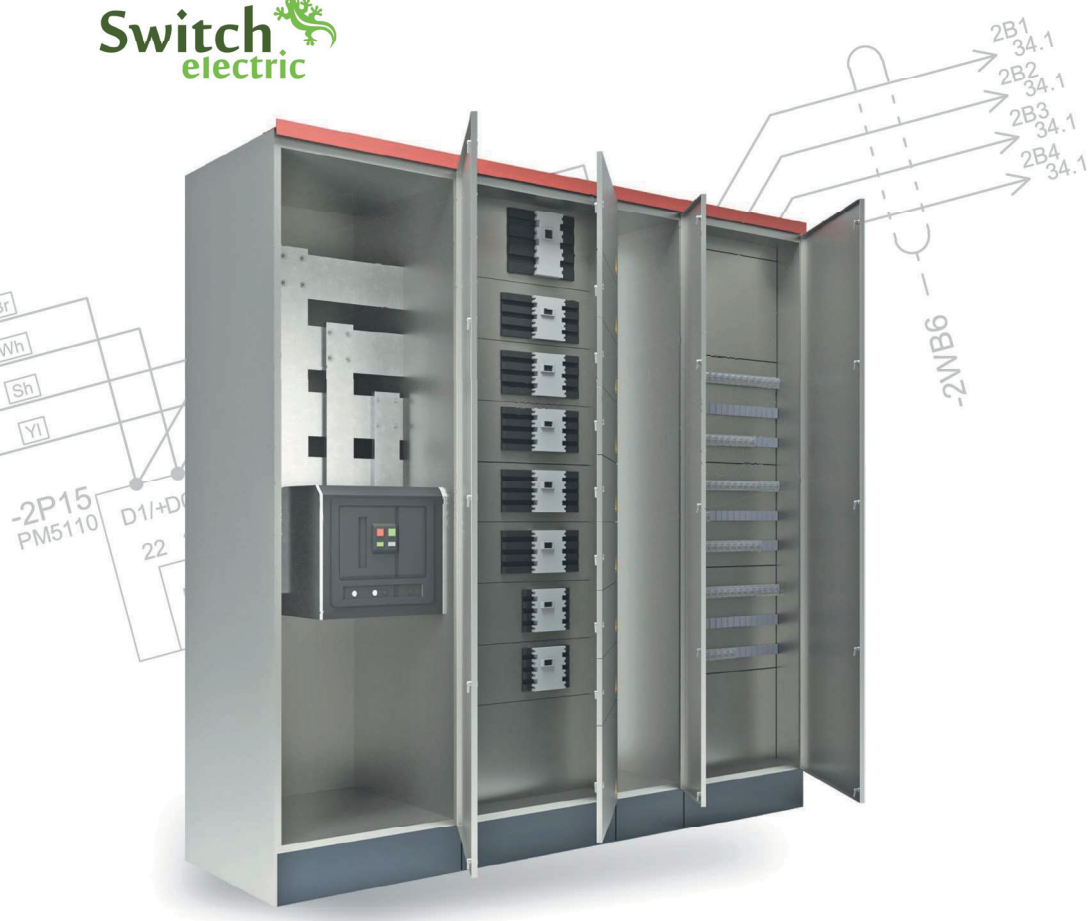


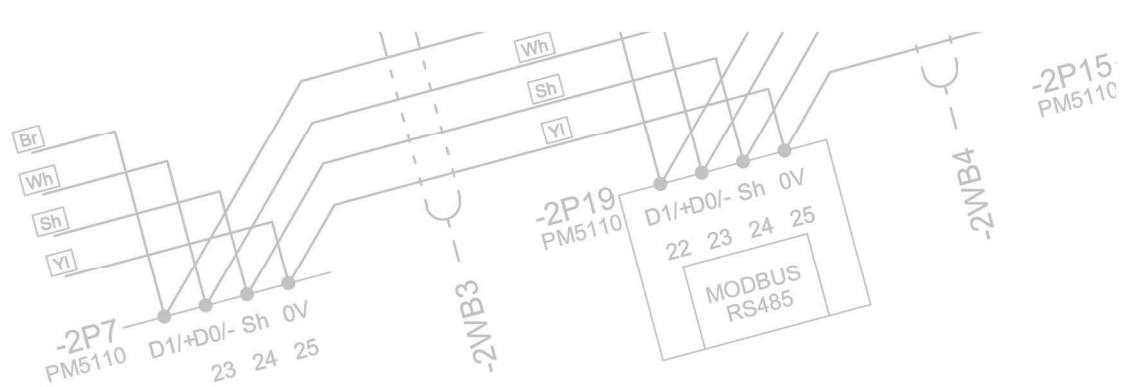
# E-AS

Main distribution panels



# E-AS

## Main distribution panels



### Description

Designed for the installation of low-voltage distribution and switching equipment.

Modular structure provides the possibility of system expansion.

One-side or two-sides service.

Multiple possibilities for design. The cell center can be built in 'I', 'L' or 'U' shapes.

Separation forms: 1, 2a, 2b, 3a, 3b, 4a, 4b

Distribution busbars: copper, aluminum or bimetallic

The doors in this structure is earthed through the hinges.

This is enough if the components installed in the door are up to 16A. For higher currents, the door must be connected to the protective circuit using a additional earth wire.

The ability to choose door lock type: 90° turn lock or three-point locking system.

Standard color- RAL 7035.

Other colors are available according to project needs.

### Technical Parameters

Nominal voltage $U_n$	$\leq 690V$
Insulation voltage $U_i$	1000V
Nominal current $I_n$	$\leq 3150A / \leq 5000A$
Short-time withstand current $I_{cw}$	$\leq 60kA / \leq 100kA$
Peak withstand current $I_{pk}$	$\leq 132kA / \leq 220kA$
Nominal frequency $f$	50-60 Hz
Ambient temperature	-25...+40°C
Ambient humidity	+40°C $\leq 50\%$ ; +25°C $\leq 90\%$
Degree of protection	IP20...IP55
Mechanical impact	Ik09
Door opening angle	160°

### Construction Material Coating

Frame, doors	Galvanized sheet steel DX51+AZ150, t=1,5mm Powder painting: RAL 7035, $\geq 80\mu m$
Base	Galvanized sheet steel DX51+AZ150, t=2,5mm Powder painting: RAL 7015, $\geq 80\mu m$

### Dimensions (mm)

Width of sections	200 / 300 / 450 / 600 / 750 / 900 / 1050
Height	1680 / 1960
Depth	410 / 630 / 810
Base height	40 / 140
Door height	140 / 170 / 210 / 280 / 350 / 420 / 560 / 700 / 840 / 980 / 1120 / 1260 / 1400 / 1540 / 1680 / 1960

### Standarts

IEC/EN 61439-1
IEC/EN 61439-2
IEC/EN 60529
IEC/EN 62262