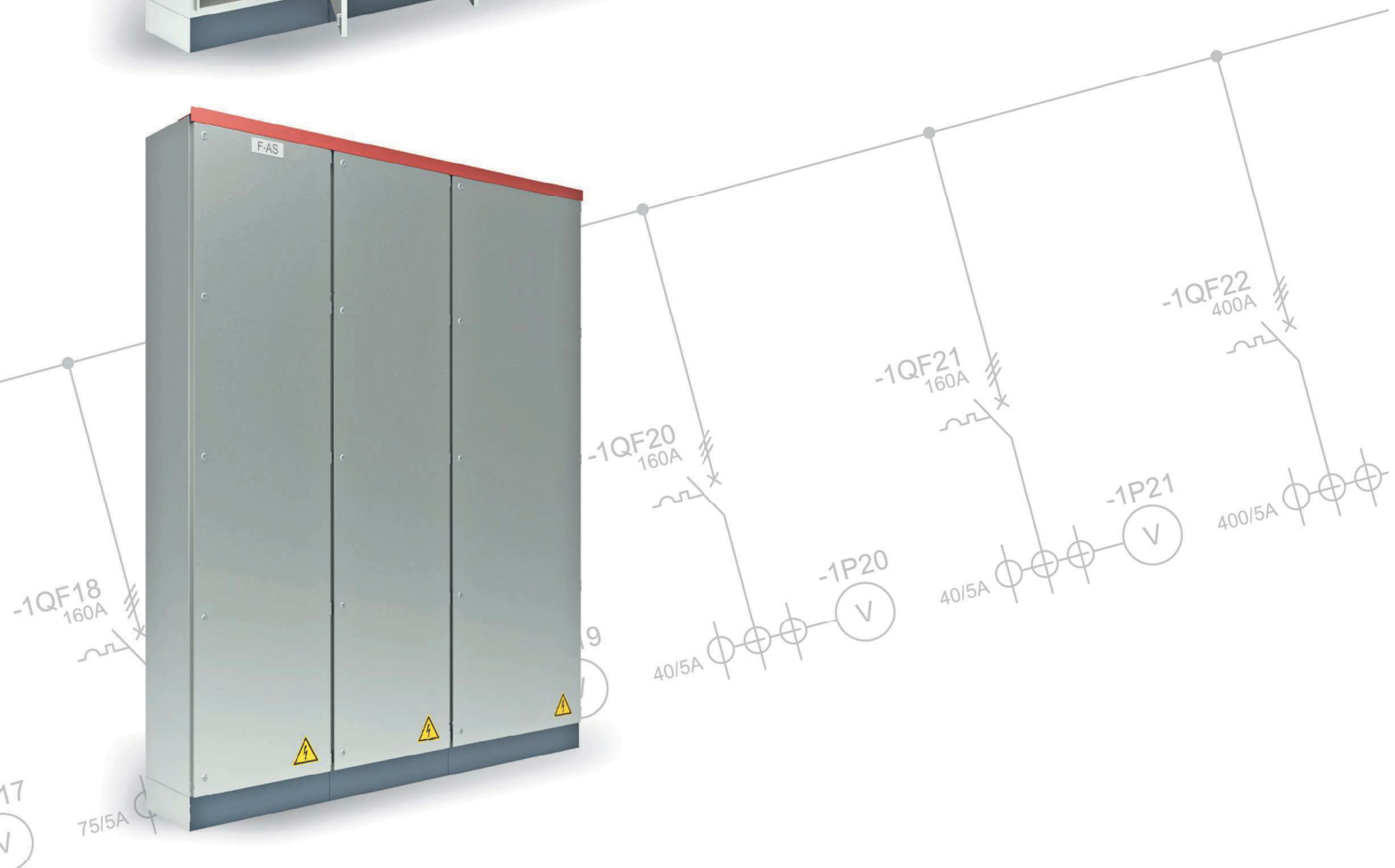


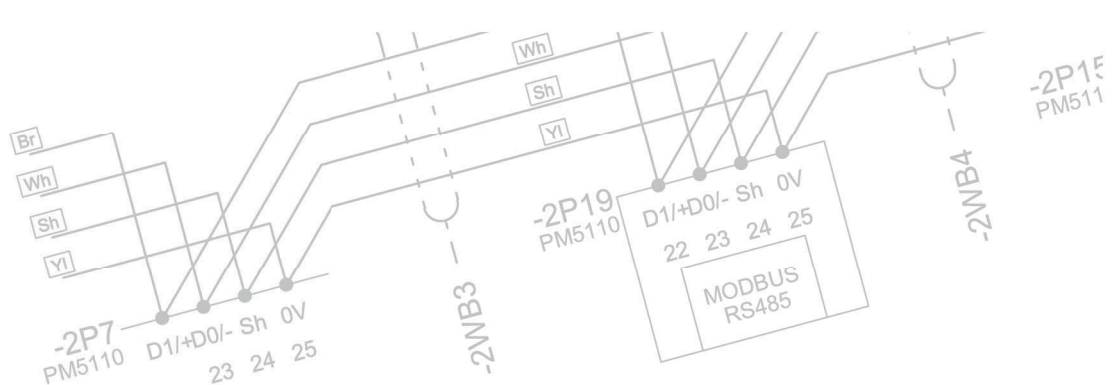
# F-AS

Subdistribution panels



# F-AS

## Subdistribution panels



### Description

- Designed for the installation of low-voltage distribution and switching equipment.
- The flexibility of the system allows you to assemble panels from small ones for domestic use up to industrial power distribution devices.
- Modular structure provides the possibility of system expansion.
- 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 $I_n$	$\leq 1000A$
Short-time withstand current $I_{cw}$	$\leq 21,6 \text{ kA}$
Peak withstand current $I_{pk}$	$\leq 42,6 \text{ kA}$
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, $t=1,5\text{mm}$ Powder painting: RAL 7035, $\geq 80\mu\text{m}$
Base	Galvanized sheet steel DX51+AZ150, $t=2,5\text{mm}$ Powder painting: RAL 7015, $\geq 80\mu\text{m}$

### Dimensions (mm)

Width of sections	300 / 450 / 600 / 750
Height	280 / 420 / 560 / 700 / 840 / 980 / 1120 / 1260 / 1400 / 1680 / 1960
Depth	160 / 250 / 320
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 61439-3
- IEC/EN 60529
- IEC/EN 62262