

SNA



SNA - hybrid cabinet

Power distribution module of hybrid cabinets
for home distribution systems. IP 30 / IK 06



■ Removable door

The system of hinges fixing allows easy dismantling of the door.



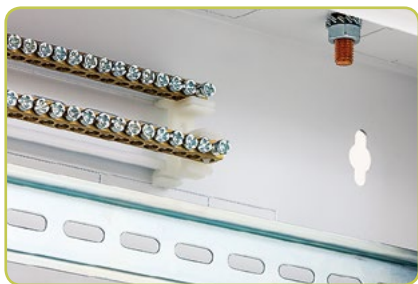
■ Cover frame

When using the possibility of installation in the recess in the wall there are available cover frames for the various combinations of sizes.



■ Unique design of the door

The structure of the cabinet is designed for minimum installation depth.



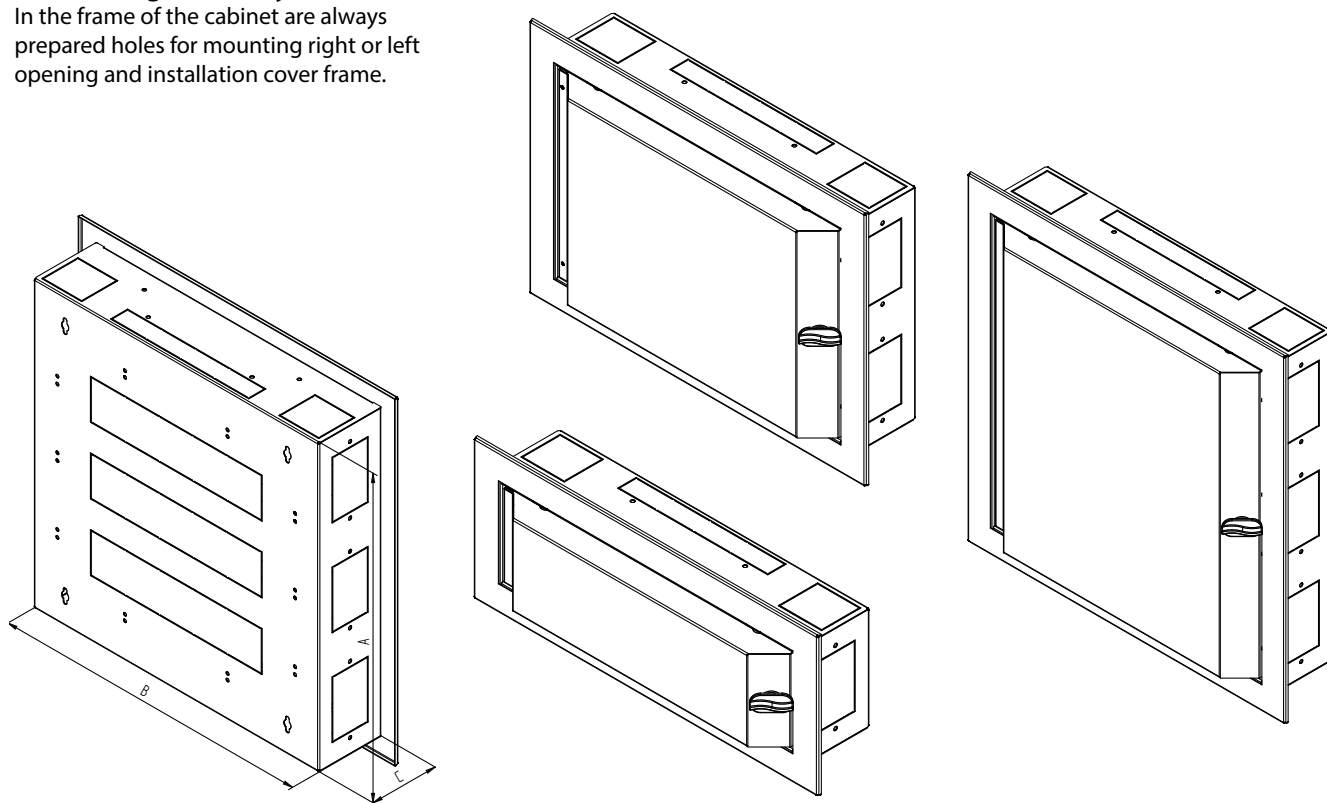
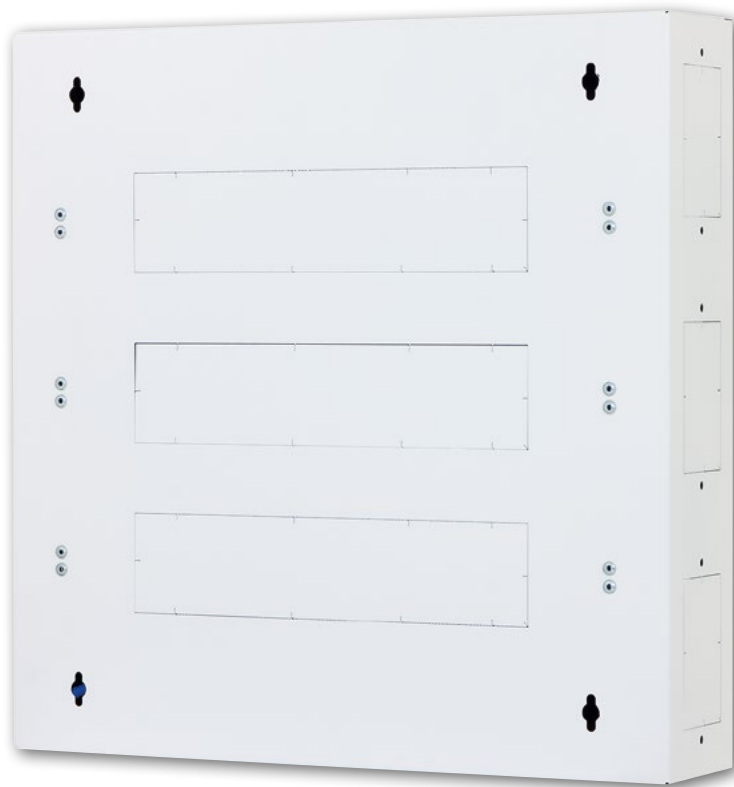
Terminal block PE + N

Part of the cabinets are terminal block for connecting the PE and N wires and screw to connect the bonding.



Mounting variability

In the frame of the cabinet are always prepared holes for mounting right or left opening and installation cover frame.



SNA

Type	Outer sizes (mm)			Span for hanging		Number of modules	Heat Dissipation [W]*	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2				
SNA-01-C51-YXX-X1	166	500	110	76	390	1 x 22	25	4,6	4,4
SNA-02-C51-YXX-X1	333	500	110	243	390	2 x 22	41	6,7	6,4
SNA-03-C51-YXX-X1	500	500	110	410	390	3 x 22	58	7	6,7

Recess for installation cabinet in the wall must be about 15-20 mm larger in each direction than the size of the cabinet.

* Scattering of thermal energy is set by calculation according IEC 890+A1 for: cabinet by its back to the wall, without fan openings, without horizontal bulkhead, warming up to 20 K in 3/4 high of the cover.



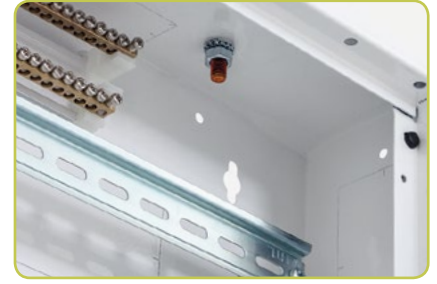
■ Slide lock

Plastic slide lock meets the requirement of easy opening the power cabinet, does not protrude in front of the cabinet and protects the cabinet against accidental opening.



■ Flat door

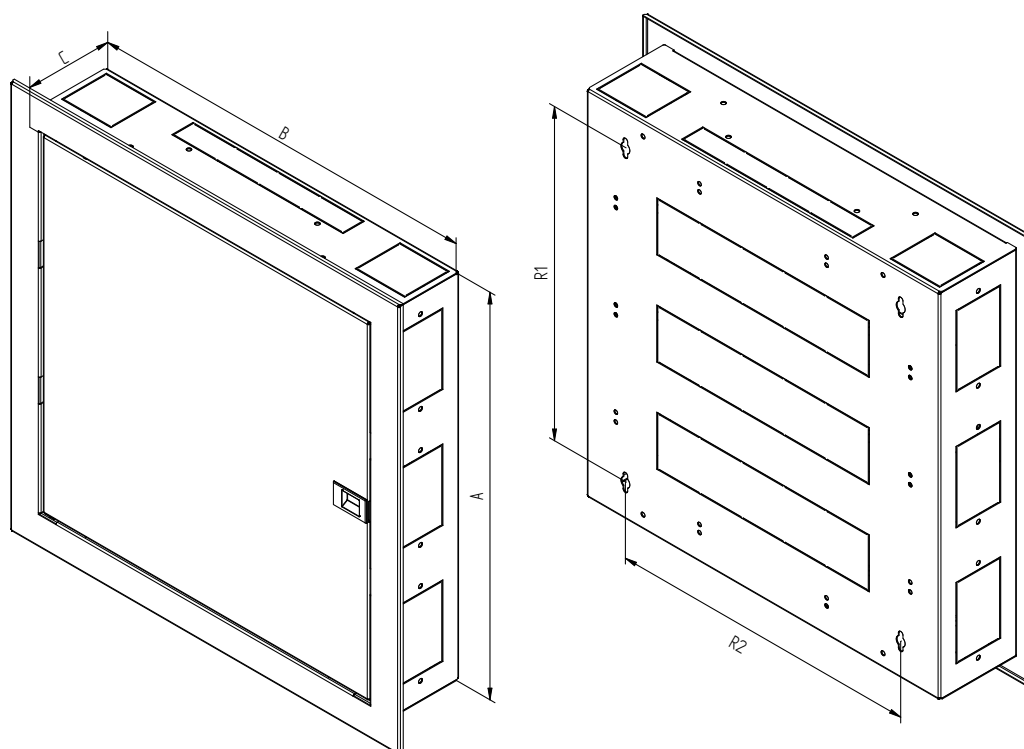
The -X2 version cabinet has a flat door which are not protruding in front of the skeleton of the cabinet. It is easy to change the door's opening side or demount them completely for a comfort installation.



■ DIN rails

Because of the flat door, DIN rails had to be moved more to the depth of the cabinet, so that seamless function of the installed devices was maintained. Terminal PE + N was maintained and the space under the DIN rails still allows comfort connecting of the conductors.





SNA - Flat door version cabinet

Type	Outer sizes (mm)			Span for hanging		Number of modules	Heat Dissipation [W]*	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2				
SNA-01-C51-YXX-X2	166	500	110	76	390	1 x 22	25	4,6	4,4
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Power wall-mounted cabinet SNA

■ Description, purpose of use

- IP 30 / IK 06
- Cabinet hangs directly on the wall or can be installed in a prepared recess in the wall.
- Cabinet is designed for individual assembly or with cabinet RNA.
- Multigate (cable openings) on the top, bottom and both side panels of the cabinet allow joining the cabinet into the larger sets with other cabinets of this series including an data cabinets RNA type.
- Cabinet construction:
 - welded frame from 1 mm thick sheet steel
 - steel door of 1 mm thickness
- The frame of the cabinet and all the removable parts (side and rear covers, doors...) are bonded with patch cables that have to be properly fixed and inserted into connectors throughout the period of use of the cabinet.
- There is one M8 screw placed on the bottom part of the cabinet to connect the bonding.
- Cable openings covered with breakout-type blanking panels are placed in the top and the bottom of the cabinets, as well as on the sides.
- Maximum permissible load – cabinet: 20 kg; door: 2 kg.

■ Operating conditions

- Operating environment:
 - houses, private residences
 - cabinets are not intended for outdoor installation or installation in environments which could adversely affect the functionality of the cabinet and the equipment installed in it (such as an environment where there is a danger of explosions or a damp or humid environment)
- Must be protected against:
 - physical damage
 - improper handling
 - other uses than the one it was intended for
- Improper handling means primarily:
 - overloading (exceeding the maximum recommended loading capacity)
 - installing equipment which could adversely affect the operation and functionality of the cabinet or other installed devices
 - interference with the construction or design of the cabinet.

■ Installation of the cabinet

- This type of cabinet hangs directly on the wall, held in place by screws, anchors and washers.
- Can be also installed in a prepared recess in a wall using standard construction methods.
- To ensure the maximum recommended loading capacity, it is necessary to fix the cabinet securely to a wall of corresponding capacity (brick, concrete or similar) and to install all equipment inside in such a way as to evenly spread out the weight of the equipment.

■ Environmental protection

- All parts are made of recyclable materials and after decommissioning the cabinet, it must be disposed of according to relevant regulations.

■ Certificate and conformity

- This product fully meets the standards of ČSN EN 62208 ed. 2 (357040), (EN 62208:2011), (idt IEC 62208:2011).

