



hybrid cabinet – **SNA**

Power distribution module of hybrid cabinets
for home distribution systems. IP20 / IK06



■ Removable door

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



■ Cover frame

To take advantage of the possibility of installation in the wall, it is possible to purchase cover frames for different size combinations of RAY-NF-X0x-X1.



■ 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.

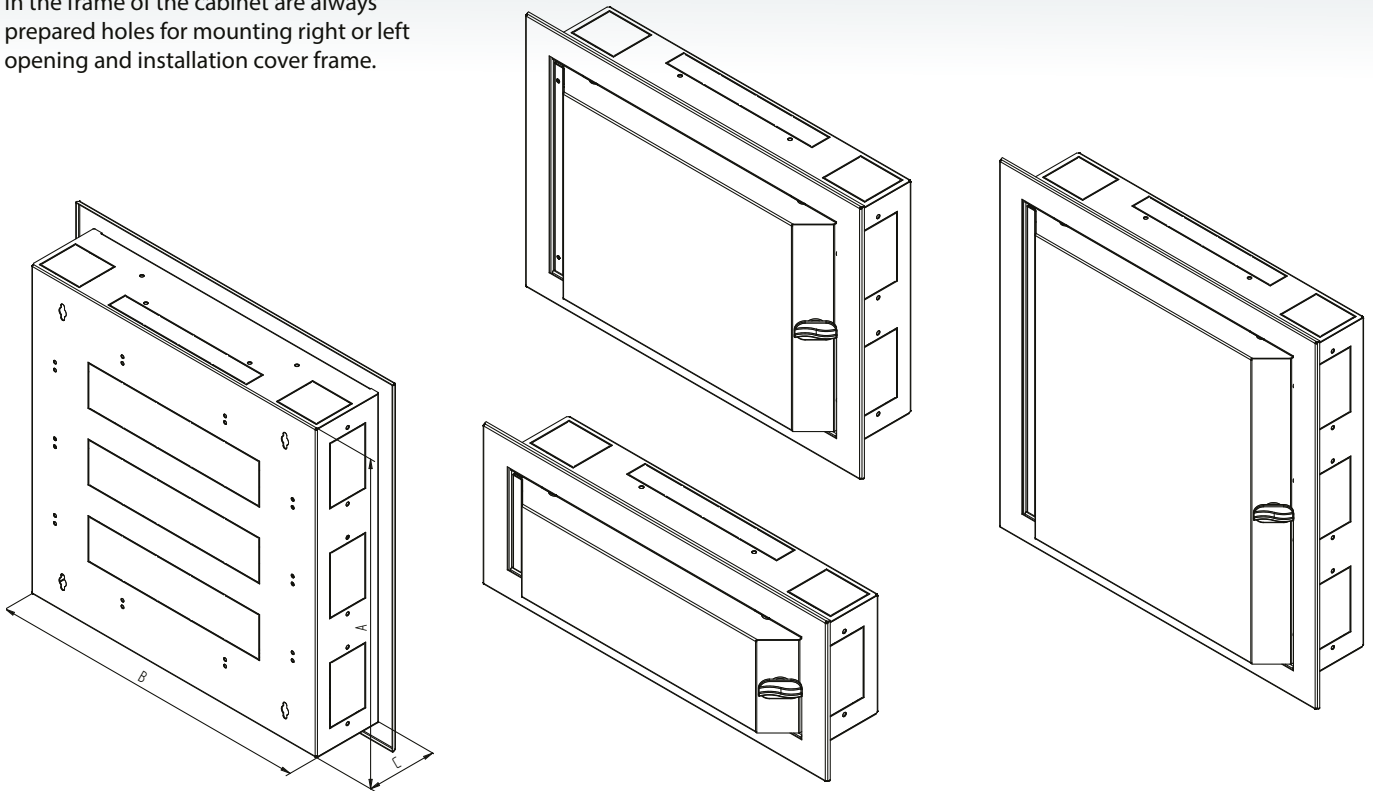


Mounting variability

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



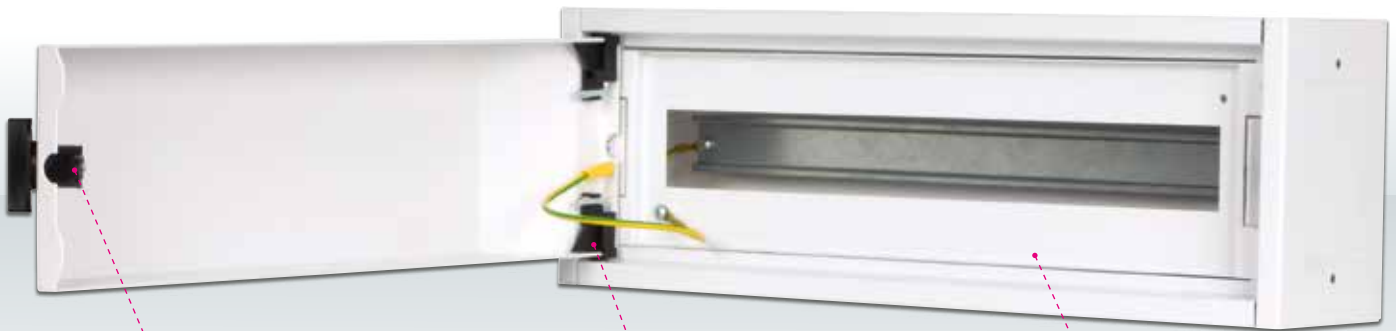
SNA



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 15-20mm 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 hight 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

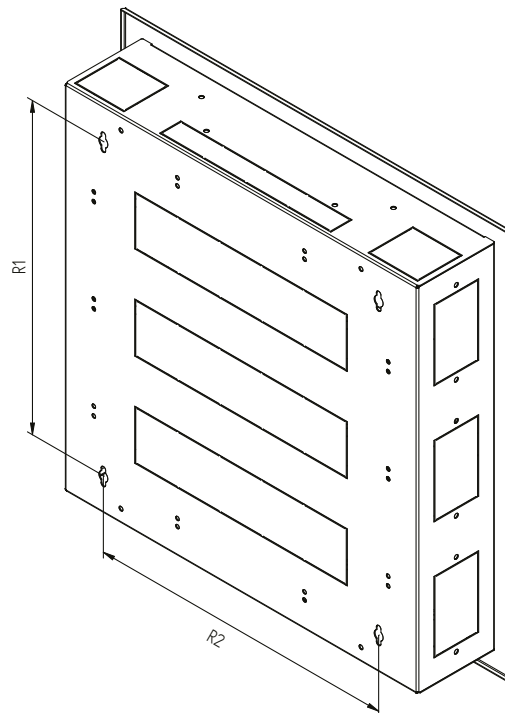
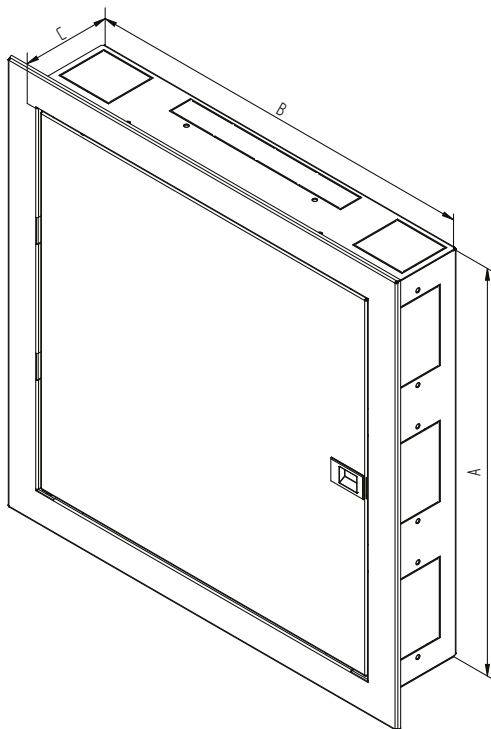
The -X2 version cabinet has a flat door which are not protruding in front of the skeleton of the cabinet. It is easy to change the door's opening side or demount them completely for a comfort installation.



■ 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
SNA-02-C51-YXX-X2	333	500	110	243	390	2 x 22	41	6,7	6,4
SNA-03-C51-YXX-X2	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.

Power wall-mounted cabinet SNA

Power distribution module of hybrid cabinets for home distribution systems. IP20 / IK06.

PRODUCT DETAILS

Cable entries on the top, bottom and both sides of the cabinet allow its mounting into larger assemblies with other cabinets of this series including data cabinets. Cabinets are supplied in modular height, where one module occupies 166 mm. Data cabinets of this series are also included in these modules. The width and depth of the cabinet is uniform for all heights. The cabinet is universal for mounting on the wall or under the wall plaster. A cover frame is available for wall mounting. Thanks to the modularity of the cabinet, it is possible to use, for example, a data part with a height of 2 modules and 1 electro module, all covered by a modular frame with a height of 3 modules.

Removable door

The system of hinge mounting allows easy dismantling of the door.

Cover frame

When using the option of installation in the recess in the wall, cover frames are available for various size combinations.

Unique door design

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

Terminal block PE + N

The cabinet includes both terminal blocks for connecting PE and N conductors and a screw for connecting the bonding.

Mounting variability

Holes for mounting the right or left opening and mounting the cover frame are always prepared in the cabinet frame.

SNA – FLAT DOOR VERSION CABINET

Slide lock

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

Flat door

The -X2 version cabinet has a flat door, which is not protruding in front of the frame of the cabinet. The door can be easily configured to open on the opposite side, as well as completely disassembled for comfort installation.

DIN rails

Because of the flat door, DIN rails had to be positioned further inside the cabinet, so that seamless function of the installed devices was maintained. The terminal PE + N was also maintained and the space under the DIN rails still allows comfortable connecting of the conductors.

DESCRIPTION, PURPOSE OF USE

- IP20 / IK06.
- 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 as a central earthing point.
- 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.

ADDITIONAL INFORMATION

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 is certified with EZÚ Czech.

Latest certificate is available at www.triton-racks.com/certificates. Product is fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).