TRITON®

Power distribution and special cabinets

Valid from 1st of March 2015

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TRITON®

PRODUCTION – MANUFACTURING PROGRAM

Triton Pardubice Ltd. is a world leader in the development and manufacture of 19“ data, telecommunication and power distribution cabinets.

The company began operating in 1993 and is now located in the town of Starý Mateřov, near the city of Pardubice, where a brand new production facility has been built covering an area of 14,000 m² (150,000 sq. ft.).

Triton is a long-standing and important regional employer and today has more than 140 workers.

2000 Tritón – Starý Mateřov

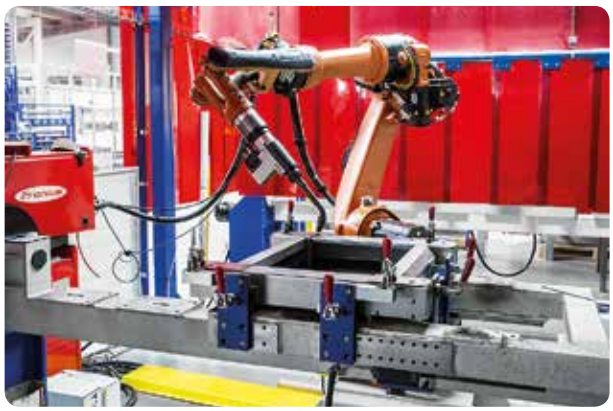
2001 Tritón – Starý Mateřov

2009 Tritón – Starý Mateřov

2011 Tritón – Starý Mateřov

2013 Tritón – Starý Mateřov

Automated bending centre



Welding robot

Automated bending centre - research and development hall

Automated system - research and development hall

Combined machine - laser and punching

Automated punch machine

Centre for glass gluing and cabinet door seal applications

Paintshop - powder coating line

MARKETING – TRADE FAIRS

Triton focuses a great deal on marketing its products. We place emphasis on personal contact with the customer. Presenting the products we manufacture personally to customers is a little complicated because of their size and weight. Therefore, we focus on exhibitions, where we regularly invite our partners and customers. Our first major exhibition was INVEX in 1995, and we attended four times in a row. With the growth of the company and its success abroad, it was necessary to present our products on the European market. Since 1998 we have regularly and continuously participated in CeBIT, Europe's largest IT fair in Hanover, Germany. This year marks the beginning of our rocket growth and European wide success of our solutions. Participation in exhibitions is an opportunity for us to introduce both to our partners and to a wider audience new and innovative products; here we also show original solutions and future development directions.

At the same time we receive very important feedback from our customers, comments and suggestions for changes or improvements.

Not only the cabinet market but of course exhibitions are also changing. In particular, mainly due to the influence of the Internet smaller exhibitions are gaining importance, which are more accessible for busy people. Therefore it is possible to find our displays beside major exhibitions at many smaller, regional presentations. Needless to say we also support our partners in these activities. Our cabinets can be found in places such as the Eliaden exhibition in Lillestroem, Norway or the EnergoTab exhibition in Poland, but our products can be seen at exhibitions throughout Europe. Besides exhibitions we attend various conferences, seminars and panel discussions where we see the development of requirements for cabinets and other products from our portfolio.

TRITON SHOWROOM

There is no better argument for something than the demonstration of a particular sample. For this purpose, we have prepared a presentation center with samples of our cabinets, with a data center and other products. Here you can upon agreement show to your customers all the benefits of different models during a personal visit.

If interested in a personal visit with us please do not hesitate to arrange a date.

MARKETING – SHOW TRUCK

In order to improve our support, we have acquired a mobile presentation workplace which is ready to go out to your important or potential clients and to present the TRITON company products.

With this, we will make an effort to support your sales activities which we greatly appreciate.

The van in the photographs is equipped with up-to-date presentation facilities, samples of the TRITON products, a bar and a place for making refreshments. When necessary, even a power unit can be connected, thus we are not dependent on a power supply in the presentation venue.

You can order **an attendance of our presentation van** including a trained lector on: Phone: **+420 467 401 111,** Or by email: **sale@triton.cz**

PACKING, TRANSPORTATION, WARRANTY

Packing

Edges are protected by a highly resistant polyurethane foam and the whole cabinet is protected with shrink-wrap against dust and scratching during transportation. Free standing cabinets are delivered on wooden pallets.

Transportation

Transportation is provided via our contract carriers.

Warranty

Triton focuses a great deal on the quality of its products. In the rare occurrence of a problem with defective material or function it is covered by our warranty. Most products have a warranty of 24 months, except for the air conditioning unit which has a warranty for one year. The warranty begins upon dispatch from our central warehouse. If the air conditioning units are installed and started up by our certified technicians, then the warranty period will begin from the time of initial launch. If necessary, please contact your supplier who will arrange all the necessary information to deal with the situation.

Power Distribution Cabinets

POWER DISTRIBUTION CABINETS - OVERVIEW

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Power distribution cabinet for industrial installations, IP 65, capacity 30 kg 19

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Power distribution cabinet for industrial installations, IP 66, capacity 50 kg 25

SBA, SFA
Power metering cabinet 29

SCA, SDA
Installation power distribution cabinet 33

SEF

Adjustable power cabinet for distribution, installation and control systems. The cabinets can be used alone or fixed to other cabinets.

ADJUSTABLE CONSTRUCTION

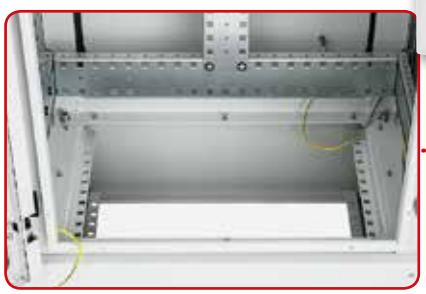
Adjustment rails inside the cabinet allow a customisable layout for the installation of components. Separate rails can be found in the accessories.

LIFTING SCREWS

If the cabinet needs to be lifted, lifting bolts can be ordered and easily attached.

MULTIPOINT LOCK

To achieve IP 55, there is a robust multipoint lock.

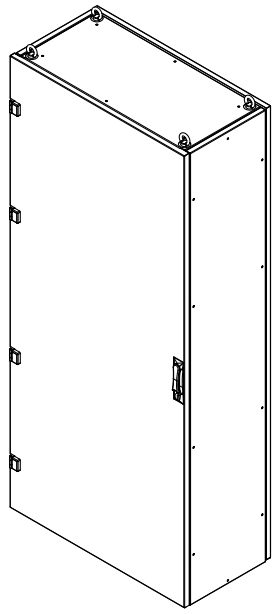


THE BASE

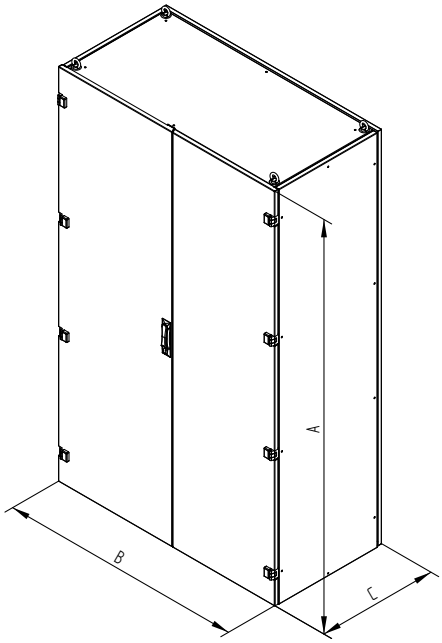
Optional accessories include a base.

FLEXIBLE DOOR OPENING

Hinges allow the door to open 180°, or to be easily removed.



SEF-xxxxxxxxx-**CCR**



SEF-xxxxxxxxx-**CFS**

SEF

TYPE	A	B	C	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
	(mm)					
SEF-200060030-CCR	2000	600	300	331	75,4	69,8
SEF-200060040-CCR	2000	600	400	380	80,2	74,7
SEF-200060050-CCR	2000	600	500	429	84,5	79,0
SEF-200060060-CCR	2000	600	600	478	89,9	84,3
SEF-200060080-CCR	2000	600	800	576	99,9	94,0
SEF-200080030-CCR	2000	800	300	402	84,8	78,9
SEF-200080040-CCR	2000	800	400	454	90,0	84,1
SEF-200080050-CCR	2000	800	500	506	95,1	89,2
SEF-200080060-CCR	2000	800	600	558	100,3	94,4
SEF-200080080-CCR	2000	800	800	662	111,7	104,8
SEF-200100030-CCR	2000	1000	300	473	93,2	87,0
SEF-200100040-CCR	2000	1000	400	528	99,0	92,8
SEF-200100050-CCR	2000	1000	500	583	104,5	98,3
SEF-200100060-CCR	2000	1000	600	638	110,1	103,9
SEF-200100080-CCR	2000	1000	800	748	122,6	114,8
SEF-200120030-CFR	2000	1200	300	544	114,3	106,9
SEF-200120040-CFR	2000	1200	400	602	120,2	112,8
SEF-200120050-CFR	2000	1200	500	660	125,9	118,5
SEF-200120060-CFR	2000	1200	600	718	131,5	124,1
SEF-200120080-CFR	2000	1200	800	834	141,6	134,0
SEF-180060030-CCR	1800	600	300	301	70,1	64,6
SEF-180060040-CCR	1800	600	400	346	74,7	69,1
SEF-180060050-CCR	1800	600	500	391	78,9	73,3
SEF-180060060-CCR	1800	600	600	436	83,6	78,1
SEF-180080030-CCR	1800	800	300	366	78,8	73,0
SEF-180080040-CCR	1800	800	400	414	80,6	74,5
SEF-180080050-CCR	1800	800	500	462	88,5	82,7
SEF-180080060-CCR	1800	800	600	510	93,4	87,5
SEF-180100030-CCR	1800	1000	300	430	86,6	80,5
SEF-180100040-CCR	1800	1000	400	481	92,1	85,9
SEF-180100050-CCR	1800	1000	500	532	97,2	91,1
SEF-180100060-CCR	1800	1000	600	583	102,2	96,1
SEF-180120030-CFR	1800	1200	300	495	107,1	99,8
SEF-180120040-CFR	1800	1200	400	549	112,7	105,4
SEF-180120050-CFR	1800	1200	500	603	118,0	110,7
SEF-180120060-CFR	1800	1200	600	657	123,3	116,0
SEF-160042030-CCR	1600	425	300	219	56,8	52,1
SEF-160060030-CCR	1600	600	300	271	63,6	58,2
SEF-160060040-CCR	1600	600	400	312	68,1	62,7
SEF-160060060-CCR	1600	600	600	393	76,4	71,0
SEF-160080030-CCR	1600	800	300	329	72,0	66,3
SEF-160080040-CCR	1600	800	400	373	76,5	70,8
SEF-160080060-CCR	1600	800	600	461	85,6	79,9
SEF-160100030-CCR	1600	1000	300	388	79,2	73,1
SEF-160100040-CCR	1600	1000	400	435	84,3	78,2
SEF-160100060-CCR	1600	1000	600	529	94,1	89,0
SEF-160120030-CFR	1600	1200	300	446	99,0	91,7
SEF-160120040-CFR	1600	1200	400	496	104,3	97,0
SEF-160120060-CFR	1600	1200	600	597	114,3	106,9
SEF-140060030-CCR	1400	600	300	240	58,2	52,9

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: cabinets with their backs to the wall, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

ADJUSTABLE POWER DISTRIBUTION CABINET

DESCRIPTION, PURPOSE, USE

- Standalone power distribution cabinet with IP 55 cover / IK 08.
- Cabinet can be used alone or fixed to other cabinets.
- Optional cabinet accessories include a variable system of clamping rails, or a base plate for mounting electrical equipment.
- Cabinet construction:
  – welded steel frame
  – all steel door with foam seals around the edge and multipoint lock
- Cabinet frame and all removable parts (side and rear covers, doors…) are connected by earthing (grounding) wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- On the side of the cabinet is an M8 size earthing (grounding) bolt.
- The bottom and also top part of the cabinet has threaded plugs, sealed around their circumference to maker up an IP cover. After drilling out the plugs, grommets can be inserted, which must have at least an IP 55 cover. Grommets are not included with the cabinets.
- Maximum permissible load – cabinets: 600 kg; door: 20 kg.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in 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

ASSEMBLING THE CABINET

- This type of cabinet stands right on the floor or a raised floor; a cabinet platform is optional.
- Optional accessories include eye bolts for handling by crane.
- To ensure the maximum recommended load, it is necessary for the installed load to be evenly distributed in the cabinet.
- If there are any cables leading through cable openings, these openings must be sealed with appropriate plugs.
- When using the eye bolts, handling by crane is permissible with a maximum cabinet weight of 400 kg and by using a 4 point lifting hanger with a min. angle of 45°.

ENVIRONMENTAL PROTECTION

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

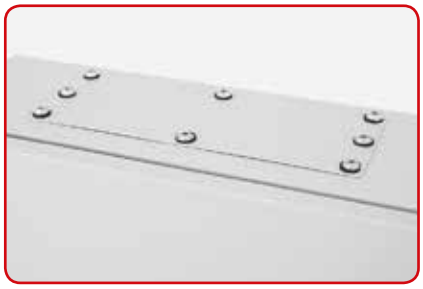
CERTIFICATION AND COMPLIANCE

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

SAC

Distribution cabinet with a high IP 65 cover. This cabinet is primarily intended for industrial installations and applications.

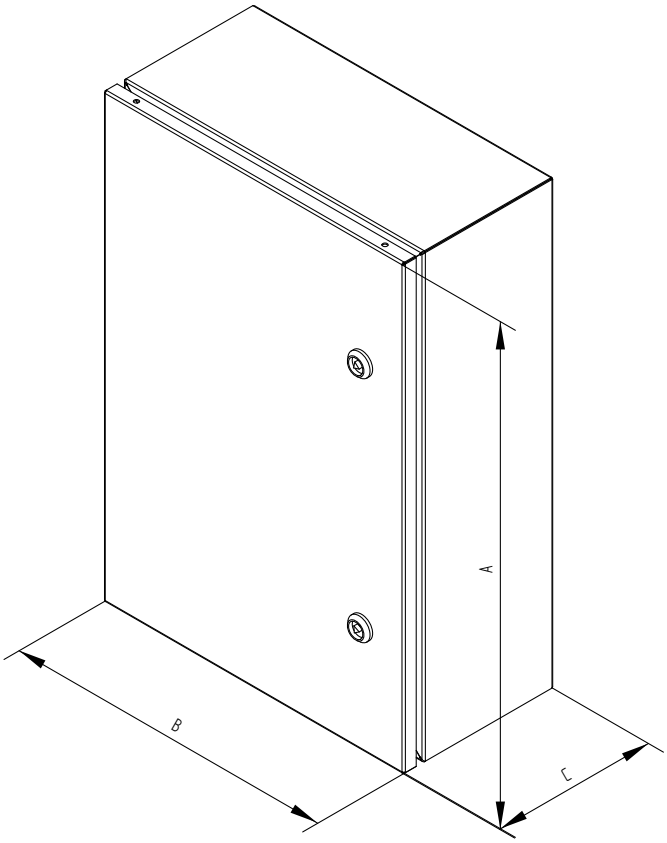
FOAM SEALS
The seals are produced using a CNC system with an evenly sprayed mixture from a nozzle moving in 3 axes.

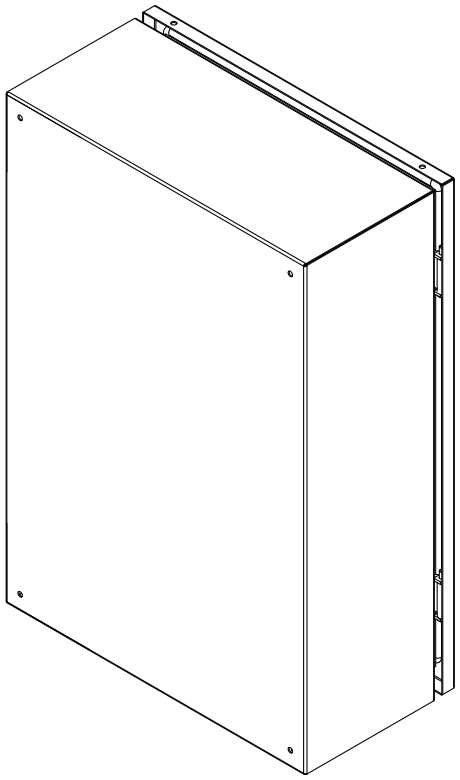


CABLE OPENINGS
There are cable openings with removable plugs in the upper and lower walls.

EARTHING CONNECTION
Carried out according to relevant standards.

CABLE OPENINGS
Plugs are sealed using self-adhesive sealing.





Power cabinet SAC

TYPE	A	B	C	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
	(mm)					
SAC-025020015-XCT	250	200	150	20	2,9	2,6
SAC-030020015-XCT	300	200	150	23	3,2	2,9
SAC-030030015-XCT	300	300	150	30	4,1	3,9
SAC-030030020-XCT	300	300	200	35	4,6	4,4
SAC-030040020-XCT	300	400	200	43	5,9	5,7
SAC-040025015-XCT	400	250	150	33	4,5	4,3
SAC-040030015-XCT	400	300	150	37	4,9	4,7
SAC-040030020-XCT	400	300	200	44	5,5	5,2
SAC-040040020-XCT	400	400	200	53	7,0	6,7
SAC-040040025-XCT	400	400	250	60	7,6	7,4
SAC-040060025-XCT	400	600	250	80	9,7	9,4
SAC-050040015-XCT	500	400	150	55	7,2	6,9
SAC-050040020-XCT	500	400	200	63	7,9	7,6
SAC-050040025-XCT	500	400	250	71	8,7	8,3
SAC-060040020-XCT	600	400	200	73	9,0	8,7
SAC-060050020-XCT	600	500	200	85	10,3	10,0
SAC-060050025-XCT	600	500	250	95	11,2	10,9
SAC-060050030-XCT	600	500	300	105	12,2	11,8
SAC-060060025-XCT	600	600	250	108	12,7	12,4
SAC-070050020-XCT	700	500	200	97	11,6	11,2
SAC-080040020-XCT	800	400	200	93	11,2	10,8
SAC-080060020-XCT	800	600	200	124	14,8	14,4
SAC-080060025-XCT	800	600	250	137	15,7	15,4
SAC-100040020-XCT	1000	400	200	114	13,2	12,9
SAC-100060025-XCT	1000	600	250	165	18,6	18,3

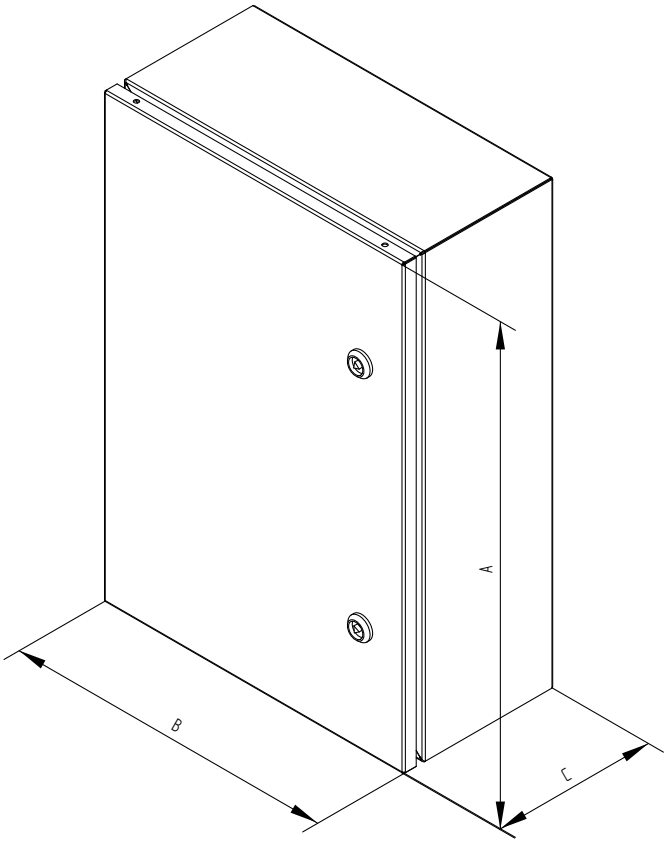
* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: cabinets with their backs to the wall, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

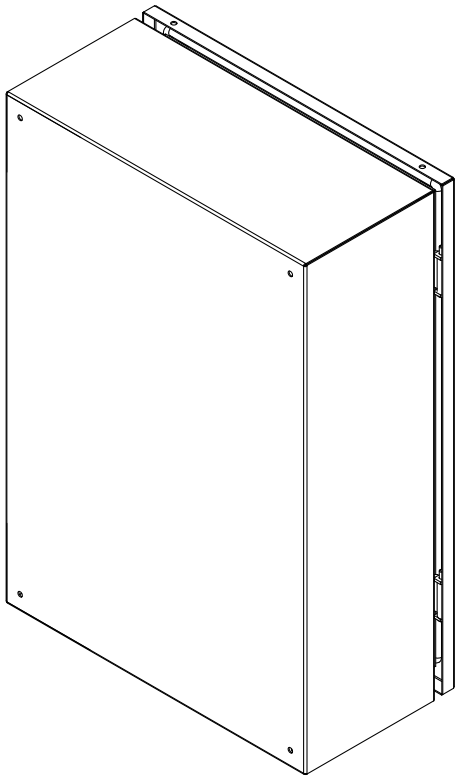
STAINLESS STEEL

FOAM SEALING
The seals are produced using a CNC system with an evenly sprayed mixture from a nozzle moving in 3 axes.

EARTHING CONNECTION
Carried out according to relevant standards.

MULTIGATE (CABLE OPENINGS)
Break-out cap is sealed using self-adhesive sealing. Multiple openings are available as accessories.





Power cabinet SAC - stainless steel

TYPE	A	B	C	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
	(mm)					
SAC-025020015-NCT	250	200	150	7	2,9	2,6
SAC-030020015-NCT	300	200	150	8	3,2	2,9
SAC-030030015-NCT	300	300	150	11	4,1	3,9
SAC-030030020-NCT	300	300	200	13	4,6	4,4
SAC-030040020-NCT	300	400	200	16	5,9	5,7
SAC-040025015-NCT	400	250	150	12	4,5	4,3
SAC-040030015-NCT	400	300	150	14	4,9	4,7
SAC-040030020-NCT	400	300	200	16	5,5	5,2
SAC-040040020-NCT	400	400	200	19	7,0	6,7
SAC-040040025-NCT	400	400	250	22	7,6	7,4
SAC-040060025-NCT	400	600	250	29	9,7	9,4
SAC-050040015-NCT	500	400	150	20	7,2	6,9
SAC-050040020-NCT	500	400	200	23	7,9	7,6
SAC-050040025-NCT	500	400	250	26	8,7	8,3
SAC-060040020-NCT	600	400	200	27	9,0	8,7
SAC-060050020-NCT	600	500	200	31	10,3	10,0
SAC-060050025-NCT	600	500	250	35	11,2	10,9
SAC-060050030-NCT	600	500	300	38	12,2	11,8
SAC-060060025-NCT	600	600	250	39	12,7	12,4
SAC-070050020-NCT	700	500	200	35	11,6	11,2
SAC-080040020-NCT	800	400	200	34	11,2	10,8
SAC-080060020-NCT	800	600	200	45	14,8	14,4
SAC-080060025-NCT	800	600	250	50	15,7	15,4
SAC-100040020-NCT	1000	400	200	41	13,2	12,9
SAC-100060025-NCT	1000	600	250	60	18,6	18,3

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: cabinets with their backs to the wall, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

POWER DISTRIBUTION CABINET SAC

DESCRIPTION, PURPOSE, USE

- Power wall cabinet with IP 65 cover / IK 09.
- Cabinet hangs directly on the wall.
- Optional cabinet accessories include a base plate for mounting electrical equipment.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel
  – all steel door of 1 mm thickness with foam seals around the edge
- Cabinet doors have a frame connected by earthing (grounding) wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- On the side of the cabinet is an M8 size earthing (grounding) bolt.
- The bottom and also top part of the cabinet has threaded plugs, sealed around their circumference to make up an IP cover. After drilling out the plugs, grommets can be inserted, which must have at least an IP 65 cover. Grommets are not included with the cabinets.
- Maximum permissible load – cabinets: 30 kg; door: 5 kg.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in private residences
  – Painted cabinet is 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)
  – Stainless steel cabinet can be used for outdoor installations, but is 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)
- 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

ASSEMBLING THE CABINET

- TThis type of cabinet hangs directly on the wall, held in place by screws, anchors and washers (included).
- Optional accessories include mounting brackets.
- 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.
- If there are any cables leading through cable openings, these openings must be sealed with appropriate plugs.

ENVIRONMENTAL PROTECTION

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

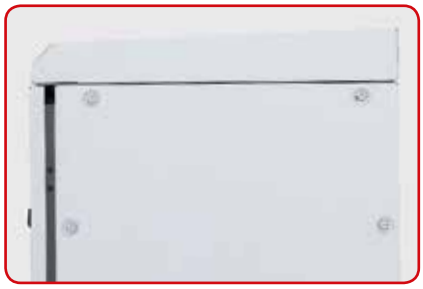
CERTIFICATION AND COMPLIANCE

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

NEW

SAD

Cabinets for industrial installations and applications.
IP 66, capacity 50 kg



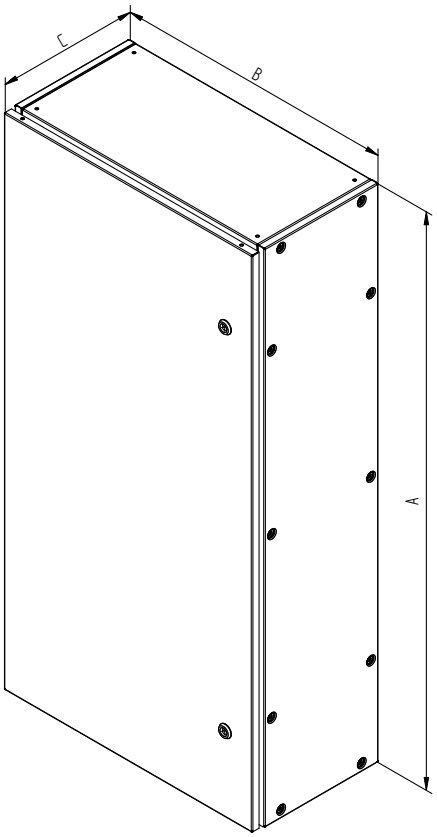
SIDE PANELS
- screwed side panels with foam sealing make easy acces to installed devices.

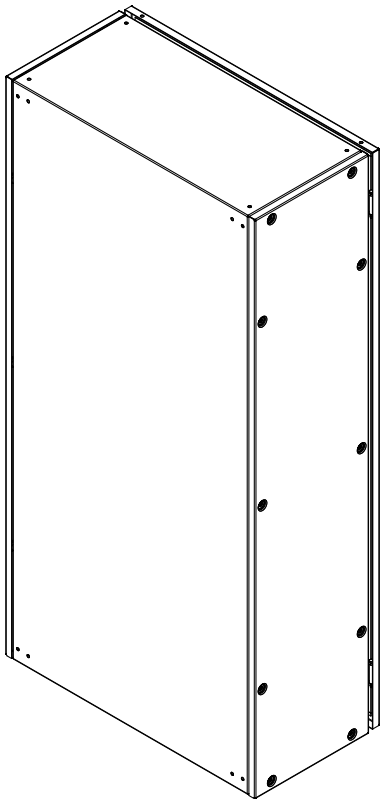
FOAM SEALING
The seals are produced using a CNC system with an evenly sprayed mixture from a nozzle moving in 3 axes.

TOP COVER
- cabinet is ready for additional top cover mounting.

EARTHING CONNECTION
Carried out according to relevant standards.

MULTIGATE (CABLE OPENINGS)
Break-out cap is sealed using self-adhesive sealing.





Power distribution cabinet SAD IP 66

TYP	A	B	C	Heat Dis-sipation [W]*	Weight brutto (kg)	Weight netto (kg)
	(mm)					
SAD-100060030-XCT-M	1000	600	300	180	30,07	29,71
SAD-110060030-XCT-M	1100	600	300	195	33,74	33,38
SAD-120060030-XCT-M	1200	600	300	210	35,52	35,16

* Scattering of thermal energy is set by calculation according IEC 890+A1 for: cabinet by its back to the wall , withouth fan openings, withouth horizontal bulkhead, warming up to 20 K in 3/4 hight of the cover

POWER DISTRIBUTION CABINET SAD

DESCRIPTION, PURPOSE, USE

- Power wall cabinet with IP 66 / IK 10.
- Cabinet hangs directly on the wall.
- It is possible to equip the cabinet with the baseplate for fixing the electronic equipment.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel
  – II steel door of 1 mm thickness with a sealing foam around the circuit
- Cabinet doors and side panels are connected to the skeleton by earthing (grounding) wire which must be properly fixed and inserted into the connector for the whole duration of the cabinet's use.
- On the bottom of the cabinet is an M8 size earthing (grounding) bolt.
- There is break-out cap screwed in the top or in the bottom part of the cabinet. This break-out cap has glued seal on it´s circumference to fulfill the IP protection. After drilling out the break-out caps, multiple openings can be inserted, which must have a minimum protection IP 66. Multiple openings are not included in assembly pack.
- Maximum permissible load – cabinets: 50 kg; door: 5 kg.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in 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

ASSEMBLING THE CABINET

- This type of cabinet hangs directly on the wall, held in place by screws, anchors and washers (included).
- 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.
- If there are any cables leading through cable openings, these openings must be sealed with appropriate plugs.

ENVIRONMENTAL PROTECTION

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

CERTIFICATION AND COMPLIANCE

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

SBA, SFA

Power distribution cabinet for measuring systems.
Designed to be installed under plaster or on a wall; in two sizes.

DOOR WITH VIEW WINDOW

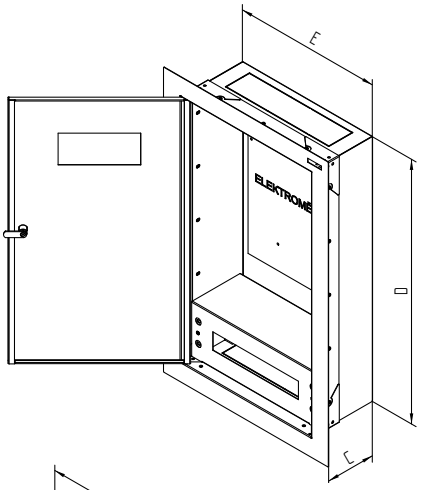
TDoors are fitted with hardened safety glass for easy reading of measuring equipment within.

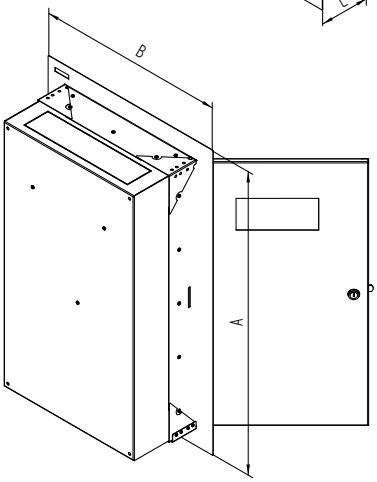
DIN RAILS

Place for mounting modules; separately removable cover with sealing screws.

MOUNTING PLATE

Optional accessories may include a mounting plate made from thermoset.

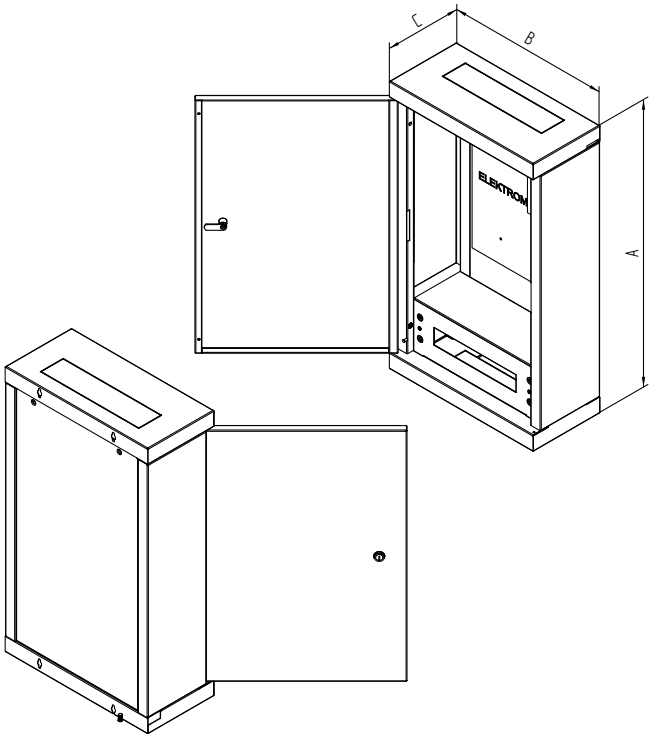




SBA - UNDER PLASTER

TYPE	External dimensions (mm)			Internal dim. (mm)		Recess - Installation dim. (mm)			Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
	A	B	C	height D	width E	height	width	depth			
SBA-067038018-XXX	767	478	180	667	378	685	390	200	78	11,7	11,6
SBA-067055018-XXX	767	648	180	667	548	685	475	200	101	14,8	14,7

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: intermediate wall-mounted housing with a covered top surface, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.



SFA - ON WALL

TYPE	External dimensions (mm)			Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
	A	B	C			
SFA-076044021-XXX	756	436	205	95	16,9	16,5
SFA-076061021-XXX	756	606	205	120	19,5	19,2

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: cabinets with their backs to the wall, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

Power metering cabinet SBA, SFA

DESCRIPTION, PURPOSE, USE

- Power wall cabinet with IP 30 cover / IK 07.
- Cabinet hangs directly on the wall (SFA), or another option is under the wall plaster (SBA) installed in a recess in the wall.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel
  – all steel door of 1 mm thickness with foam seals around the edge
- Cabinet doors have a frame connected by earthing (grounding) wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- Break-out caps in the upper and lower parts of the cabinet.
- Optional accessories may include a mounting plate for measuring equipment.
- Maximum permissible load – cabinets: 30 kg; door: 4 kg.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in 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

ASSEMBLING THE CABINET

- The wall type of this cabinet (SFA) hangs directly on the wall, held in place by screws, anchors and washers (included).
- The under-plaster type (SBA) is installed in a prepared recess in the 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

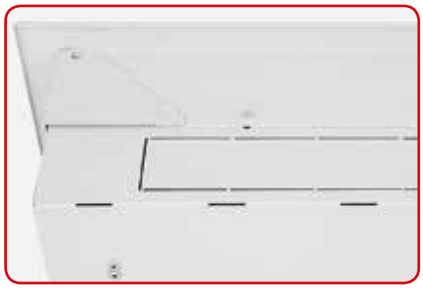
- All parts are made from recyclable materials and after decommissioning the cabinet, it will need to be disposed of according to relevant regulations.

CERTIFICATION AND COMPLIANCE

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

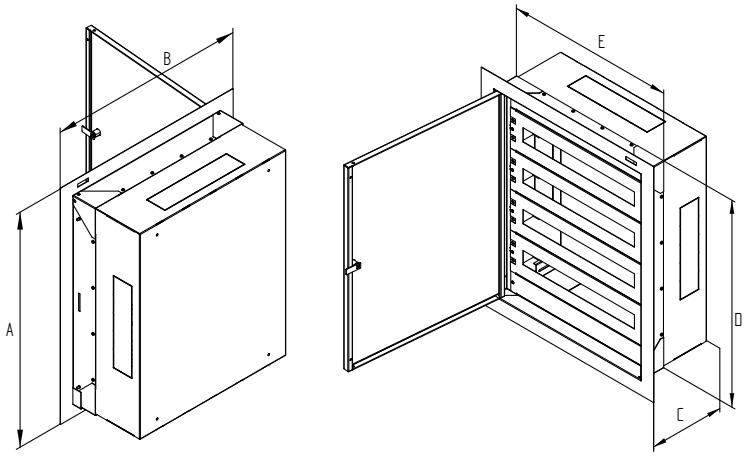
SCA, SDA

Installation power distribution cabinet for home distribution systems.
Designed to be mounted on the wall or under the plaster.



BREAK-OUT CAPS

The cabinet walls are prepared for cable openings covered by break-out caps.



SCA - UNDER PLASTER

TYPE	Number of modules	A	B	C	D	E	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
SCA-046051015-XCX	2 x 18	464	507	150	408	451	50	10,2	10,0
SCA-060051015-XCX	3 x 18	598	507	150	542	451	62	12,8	12,6
SCA-077065015-XCX	4 x 24	770	650	150	676	556	97	19,0	18,7
SCA-104065019-XCX	6 x 24	1035	650	185	941	556	134	26,3	26,0
SCA-117065019-XCX	7 x 24	1170	650	185	1076	556	150	29,6	29,2
SCA-077086019-XCX	4 x 36	770	860	185	676	766	130	24,9	24,6
SCA-104086019-XCX	6 x 36	1035	860	185	941	766	170	36,2	35,9
SCA-117086019-XCX	7 x 36	1170	860	185	1076	766	191	36,2	35,9
SCA-077065025-XCX	4 x 24	770	650	250	676	556	111	20,6	20,4
SCA-104065025-XCX	6 x 24	1035	650	250	941	556	145	27,5	27,2
SCA-117065025-XCX	7 x 24	1170	650	250	1076	556	162	31,0	30,7
SCA-077086025-XCX	4 x 36	770	860	250	676	766	140	25,9	25,5
SCA-104086025-XCX	6 x 36	1035	860	250	941	766	182	32,9	32,5
SCA-117086025-XCX	7 x 36	1170	860	250	1076	766	204	37,0	36,7

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: intermediate wall-mounted housing with a covered top surface, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

DOOR LOCKS

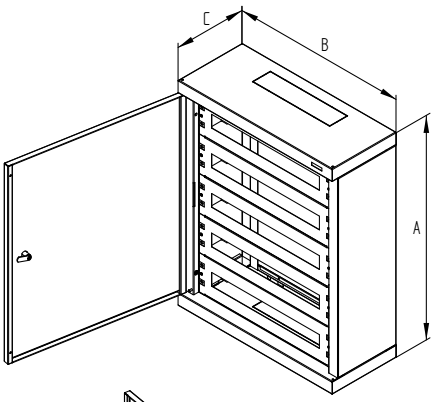
Not only triangular, but other available lock types ensure the security of the cabinet doors.

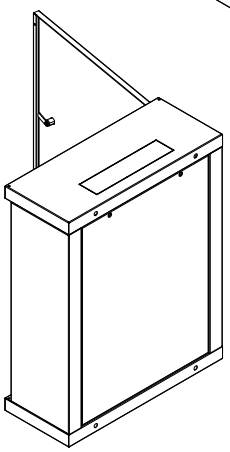
DIN RAILS

Not only the covers are separately removable, but also the entire DIN rail. These may be replaced with blank covers.

MOUNTING OPENINGS

Openings are prepared right in the frame itself for easy mounting.





SDA - ON WALL

TYPE	Number of modules	A	B	C	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
SDA-036050020-XCX	2 x 18	360	495	200	57	10,7	10,0
SDA-050050020-XCX	3 x 18	495	495	200	73	13,7	13,0
SDA-080050020-XCX-D	5 x 12	760	495	200	131	19,4	18,6
SDA-090050020-XCX-D	6 x 12	895	495	200	169	22,4	21,6
SDA-076060025-XCX	5 x 24	760	600	250	188	23,9	23,2
SDA-090060025-XCX	6 x 24	895	600	250	164	27,4	26,6
SDA-103060025-XCX	7 x 24	1025	600	250	210	30,9	30,2
SDA-116060025-XCX	8 x 24	1160	600	250	233	34,4	33,6
SDA-076081025-XCX	5 x 36	760	810	250	250	29,4	28,8
SDA-103081025-XCX	7 x 36	1025	810	250	250	37,9	37,2
SDA-116081025-XCX	8 x 36	1160	810	250	250	42,2	41,5

* The dissipation of heat energy is determined by calculation according to IEC 890 + A1 for: cabinets with their backs to the wall, without ventilation openings, no horizontal platforms, and a temperature increase of 20 K at 3/4 of the height of the housing.

Installation power distribution cabinet SCA, SDA

DESCRIPTION, PURPOSE, USE

- Power wall cabinet with IP 30 cover / IK 07.
- This cabinet hangs directly on the wall(SDA); the under-plaster type (SCA) is installed in a prepared recess in the wall.
- Optional accessories include sealing screws.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel
  – all steel door of 1 mm thickness with foam seals around the edge
- Cabinet doors have a frame connected by earthing (grounding) wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- On the side of the cabinet is an M8 size earthing (grounding) bolt.
- There are break-out caps positioned around the circumference of the cabinet.
- Maximum permissible load – cabinets: 30 kg; door: 4 kg.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in 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

ASSEMBLING THE CABINET

- This type of cabinet (SDA) hangs directly on the wall, held in place by screws, anchors and washers (included).
- The under-plaster type (SCA)is 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 from recyclable materials and after decommissioning the cabinet, it will need to be disposed of according to relevant regulations.

CERTIFICATION AND COMPLIANCE

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

Special Cabinets

SPECIAL CABINETS – OVERVIEW

SGA, SHA

Hybrid cabinet – data and power supply panels.
IP 20, capacity 30 kg

39

NEW

RNA

data module of hybrid cabinets,
IP 20 / IK 05

43

NEW

SNA

power module of hybrid cabinets
for home distribution systems, IP 30 / IK 06

49

NEW

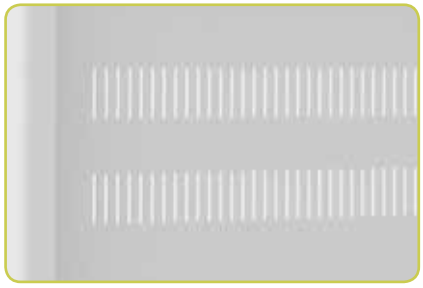
SIF

Outside hybrid cabinet - for data and power distribution systems. IP 55, capacity 50 kg

55

SGA, SHA

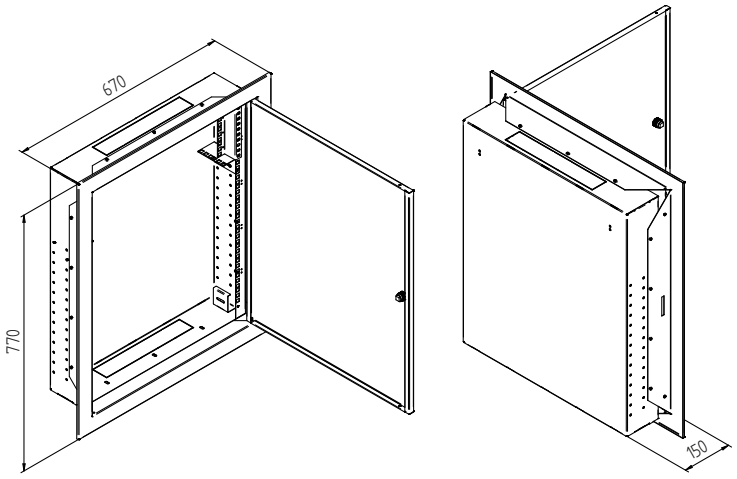
Hybrid cabinets for home data and power distribution systems.
IP 20, loading capacity 30 kg.



COOLING
The cabinet interior is cooled by ventilation perforations in the cabinet door.

EARTHING
Made according to relevant standards.

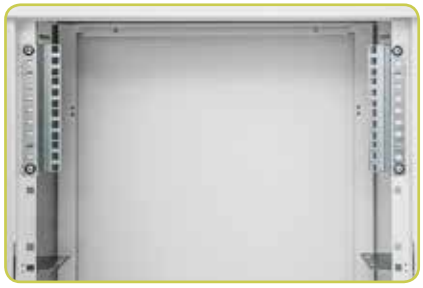
DOOR LOCK
Double bit and other lock options ensure that the cabinet is securely locked.



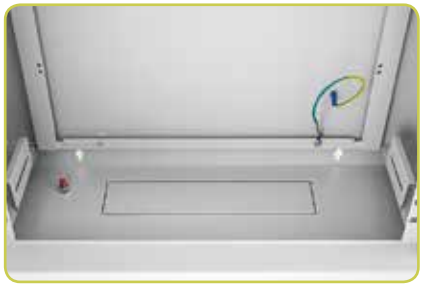
SGA - UNDER PLASTER

TYPE	Number of positions for vertical mounting	Number of positions for horizontal mounting	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
SGA-077067015-XCD	4U	2U	15,7	15,4	30

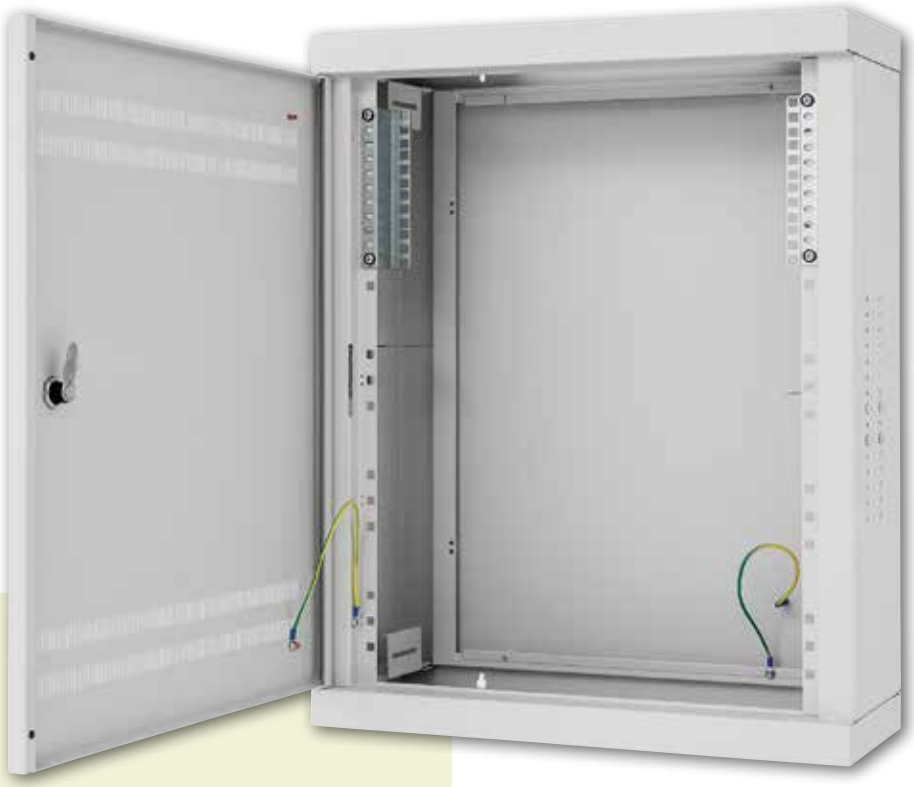
VERTICAL MOUNTING
The top half of the cabinet is fitted with sliding mounting brackets for 19" patch panels or a fuse trough.

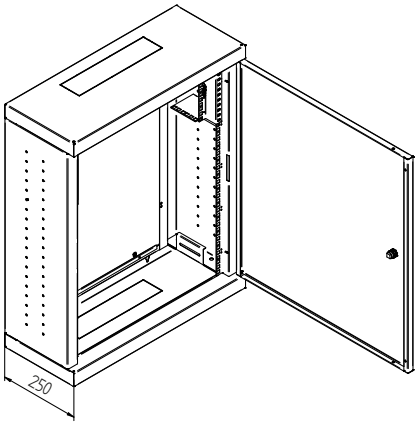


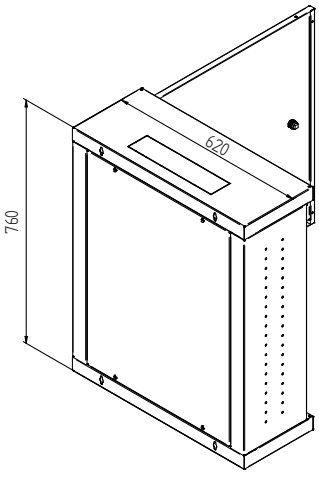
HORIZONTAL MOUNTING
Brackets are attached on the lower part of the cabinet for 19" equipment.



BREAK-OUT PANELS
The top and bottom of the cabinet are fitted with wiring inputs covered with break-out panels.







SHA - ON WALL

TYPE	Number of positions for vertical mounting	Number of positions for horizontal mounting	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
SHA-076062025-XCD	4U	2U	20,0	19,1	30

SGA AND SHA HYBRID CABINETS

DESCRIPTION, PURPOSE OF USE

- Hybrid wall cabinet with IP 20/ IK 07 protection.
- The cabinet is hung directly on the wall (SHA); another option is the SGA, installed in a prepared space under the plaster.
- The cabinets include two pairs of step-adjustable brackets with 19" spacing.
- Cabinet construction:
  - welded frame from 1 mm thick sheet steel
  - all steel door of 1 mm thickness with foam seals around the edge
  - The cabinet door is connected to the frame by an earthing cable, which must be properly secured and inserted into the connectors for the entire duration of the cabinet's use.
- There is an M8 screw on the bottom of the cabinet which serves as a central earthing point.
- Break-out caps in the upper and lower parts of the cabinet.
- Maximum permissible load – cabinets: 30 kg; door: 4 kg.
- Min. thickness of the surface finish is 65 µm.
- These cabinets are intended for the use of data and telecommunication equipment and their distribution and power supply systems.
- The frame of the cabinet and all removable parts are connected by earthing cables which must be properly secured and inserted into connectors during the entire time that the cabinet is in use.

OPERATING CONDITIONS

- Operating environment:
  - industrial, institutional or in 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:
  - Mechanical damage
  - Improper handling
  - A different usage than the cabinet is intended for
- Improper handling is especially:
  - Overloading (exceeding the maximum recommended load)
  - Installing devices which may negatively influence the operation and function of the cabinet or the installed equipment.
  - Change of the construction or design of the cabinet

INSTALLATION OF THE CABINET

- The wall version of this type of cabinet (SHA) is hung directly on the wall with screws, anchors and washers (included).
- The under plaster version (SGA) is fitted into the prepared opening in the wall using standard construction methods.
- To ensure the maximum recommended load, it is necessary to fix the cabinet to the wall with an appropriate loading capacity (brick, concrete or similar) and that the load installed in the cabinet is evenly distributed.

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 fully in accordance with ČSN EN 62208 ed. 2 (357040), (EN 62208:2011), (idt IEC 62208:2011).

NEW

RNA - hybrid cabinet

Data module of hybrid cabinets
for home distribution systems. IP 20 / IK 05

SWING SIDE PANELS

Side panels on both sides of the cabinet are folded for easy installation of mounted components. All removable and rotating parts are connected according to the standard.

DATA DISTRIBUTION

For the installation of data and communication distribution are prepared Keystone Standard modules in which easily fit any cables.

POWER SUPPLY

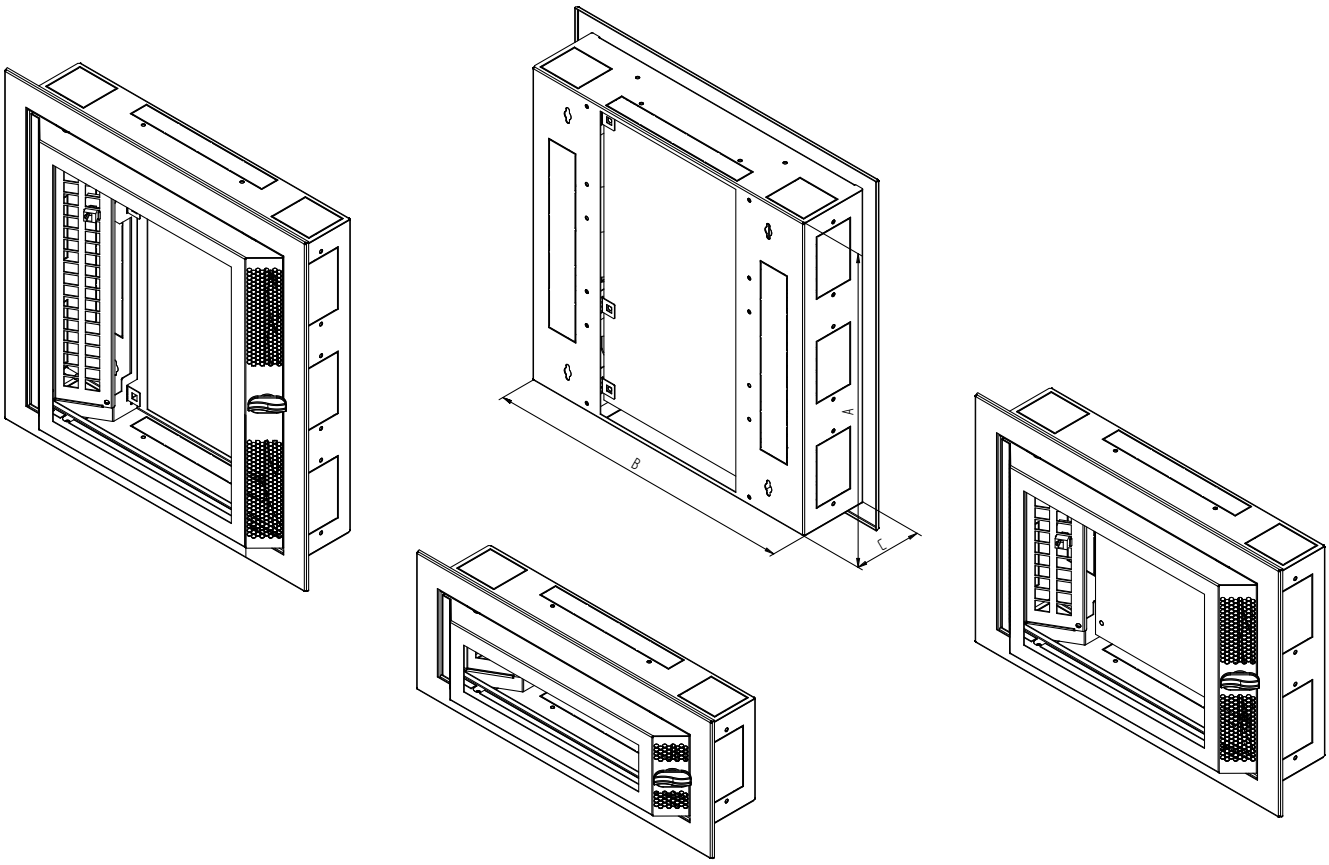
On the opposite side of the data distribution system is preparation for the installation of the power system 230 V. According to the size of the cabinet there is a prepared opening for mounting classic sockets (with protective plastic box) and / or 10" 1U mounting opening extended for the possibility to install up to three common sockets.

DOOR CONSTRUCTION

Plastic door panels and the entire structure support installation of WiFi devices.

Data cabinet is designed to accomplish all home cable distribution and installation of active elements. It is possible here to connect Internet, TV and satellite distribution systems, audio, as well as traditional telephone and ADSL connections.

Cable entries on the top, bottom and both sides of the cabinet allow it´s mounting into larger assemblies with other cabinets of this series including power distribution cabinets. The doors of the cabinet are raised upward to ensure the necessary bending radius of the cables, including fiber cables.Perforation on the sides helps cooling of installed active elements. Installation of equipment with self-tapping screws on the inner plastic plate is quick and easy. Cabinets are supplied in modular height where one module occupies 166 mm. Power distribution cabinets of this series are in these modules as well. Width and depth of the cabinet is the same for all heights. The cabinet is universal for mounting on the wall or under the wall plaster. For installation in a recess in the wall is available a cover frame. **Thanks to the modularity can be used for example 2 modules high data part and 1 module electro, all covered with 3 modular frame.**



RNA

TYPE	Outer sizes (mm)			Span for hanging		Number of modules	10" mounting opening for socketsy	Opening for sockets	Weight brutto (kg)	Weight netto (kg)
	A	B	C	R1	R2					
RNA-01-A51-YXX-X1	166	500	110	76	390	2 x 4	0	1	4,6	4,4
RNA-02-A51-YXX-X1	333	500	110	243	390	2 x 13	1	0	6,7	6,4
RNA-03-A51-YXX-X1	500	500	110	410	390	2 x 22	1	1	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.

DATA DISTRIBUTIONS

There is a swing bearing panel with holes according to the most widely used Keystone Standard ready in the cabinet, for any data cabling termination - optical or metallic. All moving or detachable parts of the cabinet are interconnected according to standard.

SLIDE LOCK

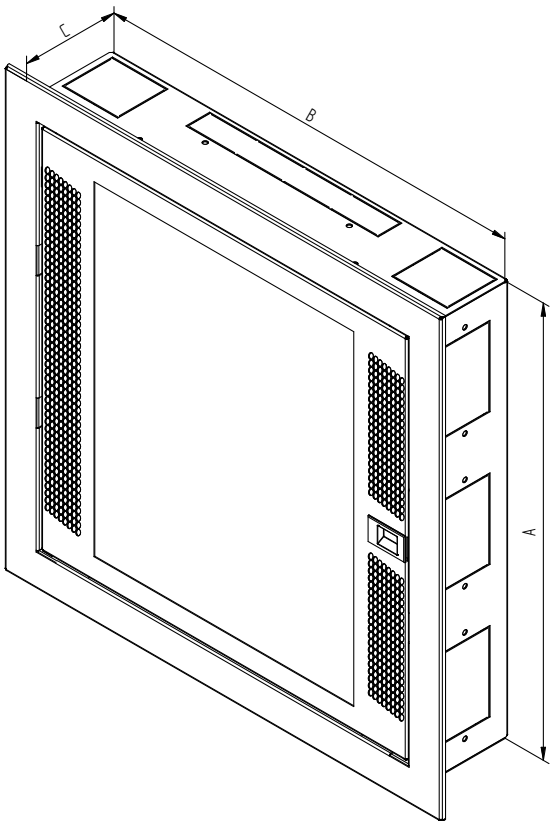
The door of the cabinet are secured with a plastic slide lock which closes them securely against spontaneous and accidental opening and also alows easy operation of installed equipment.

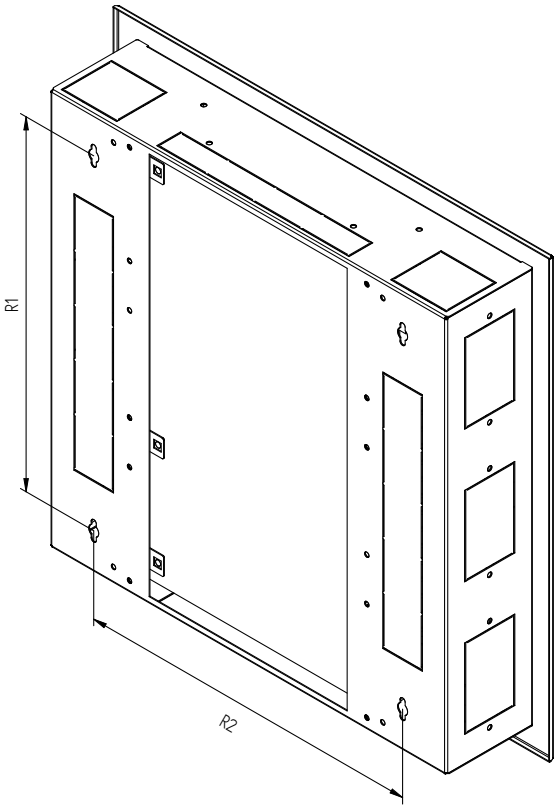
POWER SUPPLY

For mounting power distributions of 230 V, there is a separable panel available in every cabinet. This separable panel is designed for installation of classic sockets with protective plastic box. In larger cabinets it is possible to install even 10" distribution panel. In the flat door version it is only possible to use sockets called Legrand size - with the frontal panel size 45 x 45 mm.

FLAT DOOR VERSION CABINET

Data cabinet RNA with the flat door (version -X2 in the end of the code) was developed for installation in places, where it is not possible to profit from the benefits of standard model of this cabinet. The total depth of this modificated cabinet, including door, reaches only 110 mm. But using flat door brings some restrictions. The holder of the keystone for fitting data distributions is positioned upright to the plastic mounting plate, so the cables are interfering more to the space which is designed for installation active elements. Also, part which is specified (designed) for power supply distribution is different from the basic model. Because of the space restriction it is only possible to use sockets with the outside sizes 45 x 45 mm (called Legrand standard) and the sockets are mounted on removable mounting panel. The possibility of using 10" power panel with the RNA-02 and RNA-03 types remained unchanged, as well as other properties of the basic version cabinet (mounting on/under the plaster, modularity etc.). The space for installation of the cartridge for optical welds in the space behind the plastic mounting plate meets the requirements of the relevant standards for the home installation.





RNA

TYPE	Outer sizes (mm)			Span for hanging		Number of modules	10" mounting opening for socketsy	Opening for sockets	Weight brutto (kg)	Weight netto (kg)
	A	B	C	R1	R2					
RNA-01-A51-YXX-X2	166	500	110	76	390	2 x 4	0	1	4,6	4,4
RNA-02-A51-YXX-X2	333	500	110	243	390	2 x 13	1	0	6,7	6,4
RNA-03-A51-YXX-X2	500	500	110	410	390	2 x 22	1	1	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.

DATA CABINET RNA

DESCRIPTION, PURPOSE OF USE

- IP 20 / IK 05
- 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 SNA.
- Multigate (cable openings) on the top, bottom and both side panels of the cabinet alow joinning the cabinet into the larger sets with other cabinets of this series including an electrical cabinets SNA type.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel combined with plastic PEHD 8 mm.
  – frame door combined with steel of 1 mm thickness and plastic PP-H 1,5 mm.
- Cabinet doors have a frame connected by earthing wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- On the bottom part of the cabinet is an M8 size earthing bolt.
- 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 ofcorresponding 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).

NEW

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.

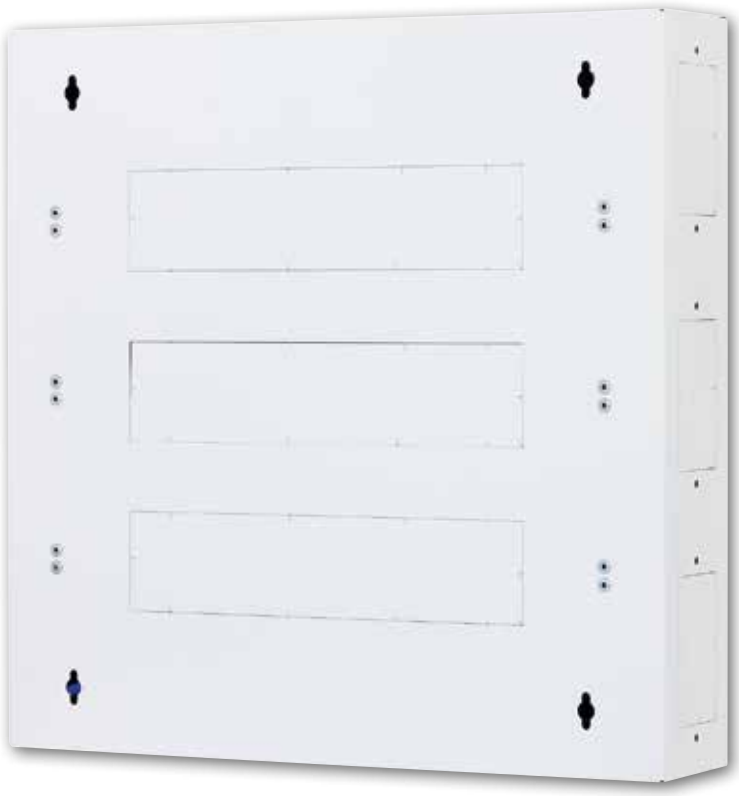
UNIQUE DESIGN OF THE DOOR
The structure of the cabinet is designed for minimum installation depth.

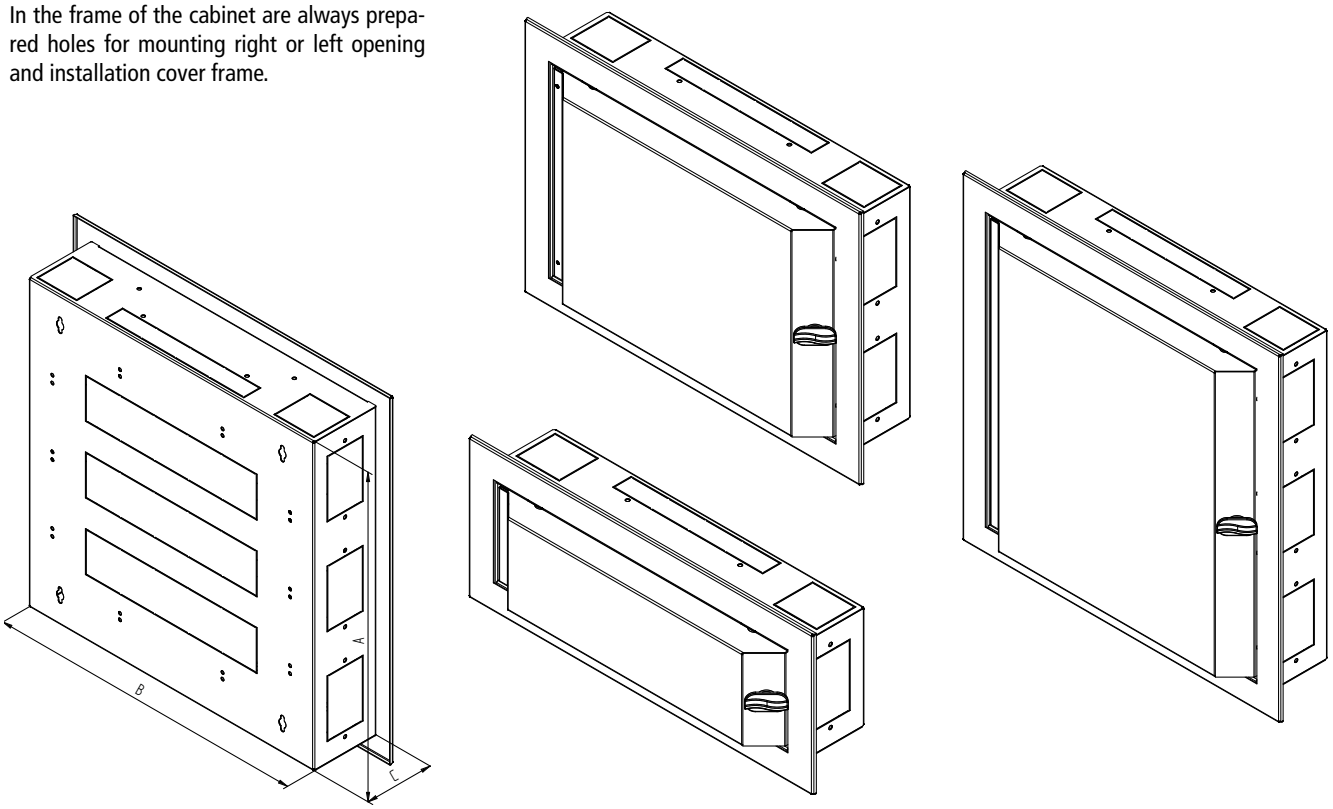
TERMINAL BLOCK PE + N

Part of the cabinets are terminal block for connecting the PE and N wires and screw for main grounding point.

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 brutto (kg)	Weight netto (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, withouth fan openings, withouth horizontal bulkhead, warming up to 20 K in 3/4 hight of the cover.

SLIDE LOCK

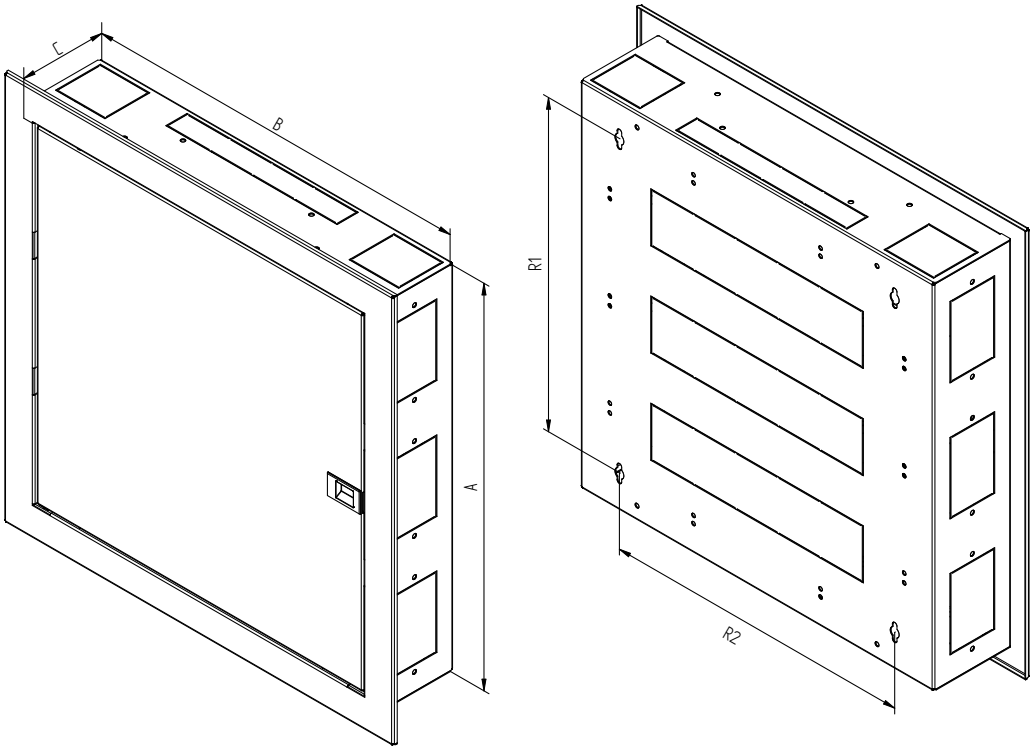
Plastic slide lock meets the requirement of easy opening the power cabinet, does not protrude in front of the cabinet and protects the cabinet against accidental opening.

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 alows comfort connecting of the conductors.



SNA

TYPE	Outer sizes (mm)			Span for hanging		Number of modules	Heat Dissipation [W]*	Weight brutto (kg)	Weight netto (kg)
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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 , withouth fan openings, withouth horizontal bulkhead, warming up to 20 K in 3/4 hight of the cover.

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 alow joinning 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
- Cabinet doors have a frame connected by earthing wires which must be properly fixed and inserted into the connectors for the duration of the cabinet's use.
- On the bottom part of the cabinet is an M8 size earthing bolt.
- 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).

NEW

SIF

Outside hybrid cabinet for data and power distribution systems,
IP 55, capacity 50 kg

EARTHING CONNECTION
Carried out according to relevant standards.

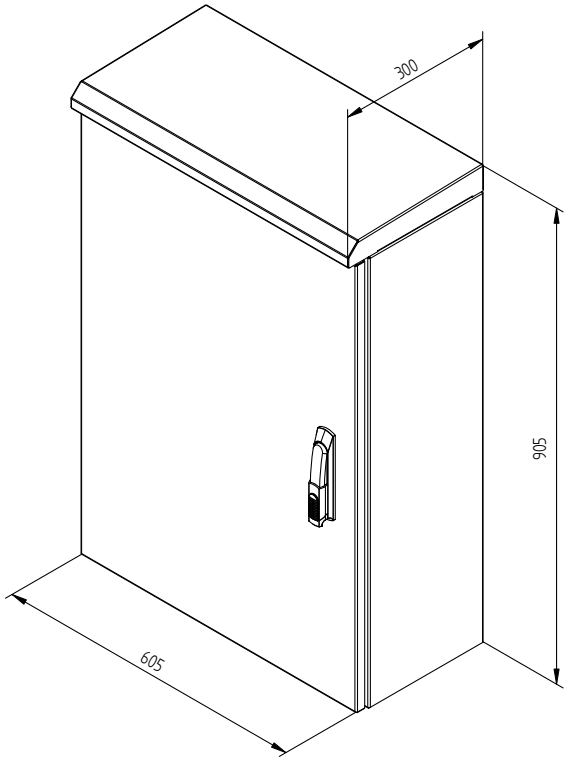
HORIZONTAL MOUNTING
Brackets are attached on the lower part of thecabinet for 19" equipment

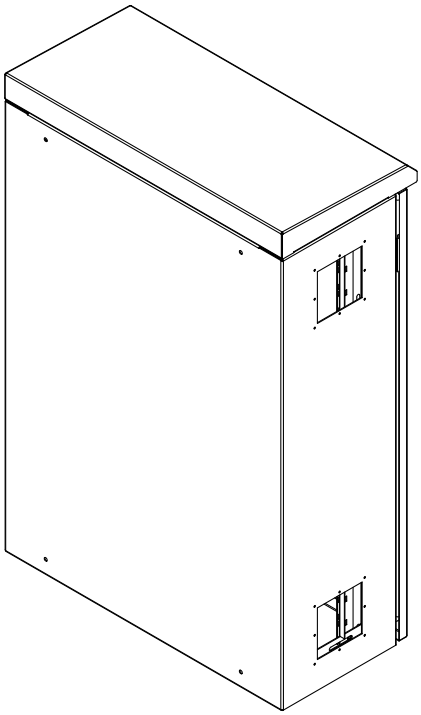
MULTIGATE (CABLE OPENINGS)
Break-out cap is sealed using self-adhesive sealing. Multiple openings are available as accessories.

TOP COVER
Removable top cover is included.

MULTIPOINT LOCK
Multipoint locks provide a perfect door seal to ensure IP protection.

HANDLE
All common types of lock inserts can be used with the handle.





Hybrid cabinet SIF IP 55 - stainless steel

TYPE	A	B	C	Heat Dis-sipation [W]*	Weight brutto (kg)	Weight netto (kg)
	(mm)					
SIF-090060030-XCT	905	605	300	60	28,53	27,84

* Scattering of thermal energy is set by calculation according IEC 890+A1 for: cabinet by its back to the wall , withouth fan openings, withouth horizontal bulkhead, warming up to 20 K in 3/4 hight of the cover.

HYBRID CABINET SIF

DESCRIPTION, PURPOSE OF USE

- Hybrid wall cabinet with IP 55/ IK 10 protection.
- The cabinet is hung directly on the wall.
- The cabinets include two pairs of vertical rails and step-adjustable brackets with 19" spacing.
- Cabinet construction:
  – welded frame from 1 mm thick sheet steel
  – all steel door of 1 mm thickness with foam seals around the edge
  – The cabinet door is connected to the frame by an earthing cable, which must be properly secured and inserted into the connectors for the entire duration of the cabinet's use.
- There is an M8 screw on the bottom of the cabinet which serves as a central earthing point.
- There is break-out cap screwed in the top or in the bottom part of the cabinet. This break-out cap has glued seal on it's circumference to fulfill the IP protection. After drilling out the break-out caps, multiple openings can be inserted, which must have a minimum protection IP 55. Multiple openings are not included in assembly pack.
- Maximum permissible load – cabinets: 50 kg; door: 5 kg.
- These cabinets are intended for the use of data and telecommunication equipment and their distribution and ower supply systems.
- The frame of the cabinet and all removable parts are connected by earthing cables which must be properly secured and inserted into connectors during the entire time that the cabinet is in use.

OPERATING CONDITIONS

- Operating environment:
  – industrial, institutional or in private residences
  – cabinets can be use for outside installations, but are not intended for 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:
  – Mechanical damage
  – Improper handling
  – A different usage than the cabinet is intended for
- Improper handling is especially:
  – Overloading (exceeding the maximum recommended load).
  – Installing devices which may negatively influence the operation and function of the cabinet or the installed equipment.
  – Change of the construction or design of the cabinet.

INSTALLATION OF THE CABINET

- The wall version of this type of cabinet is hung directly on the wall with screws, anchors and washers (included).
- To ensure the maximum recommended load, it is necessary to fix the cabinet to the wall with an appropriate loading capacity (brick, concrete or similar) and that the load installed in the cabinet is evenly distributed.

ENVIRONMENTAL PROTECTION

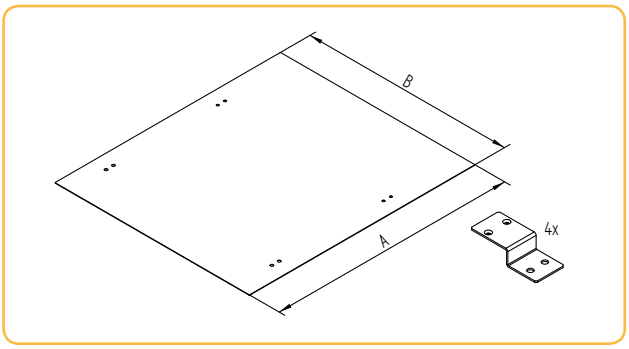
- All parts are made of recyclable materials and after decommissioning the cabinet, it must be disposed of according to relevant regulations.

CERTIFICATE AND CONFORMITY

- This product is fully in accordance with ČSN EN 62208 ed. 2 (357040), (EN 62208:2011), (idt IEC 62208:2011).

Accessories

ACCESSORIES FOR POWER DISTRIBUTION CABINETS

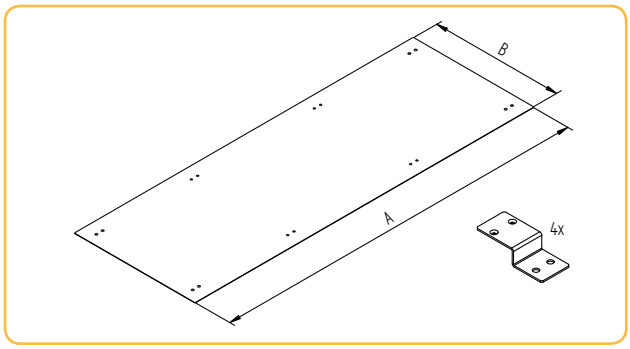


Base mounting plate

for SEF

Type	dim. A and B (mm)	for
SXX-SA-T01-X1	658 x 540	SEF-140060xxx
SXX-SA-T02-X1	758 x 365	SEF-160042xxx
SXX-SA-T03-X1	758 x 540	SEF-160060xxx
SXX-SA-T04-X1	758 x 740	SEF-160080xxx
SXX-SA-T05-X1	758 x 940	SEF-160100xxx
SXX-SA-T06-X1	758 x 1140	SEF-160120xxx
SXX-SA-T07-X1	858 x 540	SEF-180060xxx
SXX-SA-T08-X1	858 x 740	SEF-180080xxx
SXX-SA-T09-X1	858 x 940	SEF-180100xxx
SXX-SA-T10-X1	858 x 1140	SEF-180120xxx
SXX-SA-T11-X1	958 x 540	SEF-200060xxx
SXX-SA-T12-X1	958 x 740	SEF-200080xxx
SXX-SA-T13-X1	958 x 940	SEF-200100xxx
SXX-SA-T14-X1	958 x 1140	SEF-200120xxx

Half profile, **order 2 pieces** for the whole power distribution cabinet.

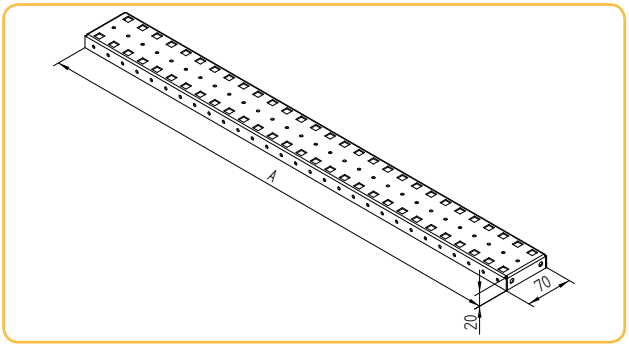


Base mounting plate

for SEF

Type	dim. A and B (mm)	for
SXX-SA-T21-X1	1316 x 540	SEF-140060xxx
SXX-SA-T22-X1	1516 x 365	SEF-160042xxx
SXX-SA-T23-X1	1516 x 540	SEF-160060xxx
SXX-SA-T24-X1	1516 x 740	SEF-160080xxx
SXX-SA-T25-X1	1516 x 940	SEF-160100xxx
SXX-SA-T26-X1	1516 x 1140	SEF-160120xxx
SXX-SA-T27-X1	1716 x 540	SEF-180060xxx
SXX-SA-T28-X1	1716 x 740	SEF-180080xxx
SXX-SA-T29-X1	1716 x 940	SEF-180100xxx
SXX-SA-T30-X1	1716 x 1140	SEF-180120xxx
SXX-SA-T31-X1	1916 x 540	SEF-200060xxx
SXX-SA-T32-X1	1916 x 740	SEF-200080xxx
SXX-SA-T33-X1	1916 x 940	SEF-200100xxx
SXX-SA-T34-X1	1916 x 1140	SEF-200120xxx

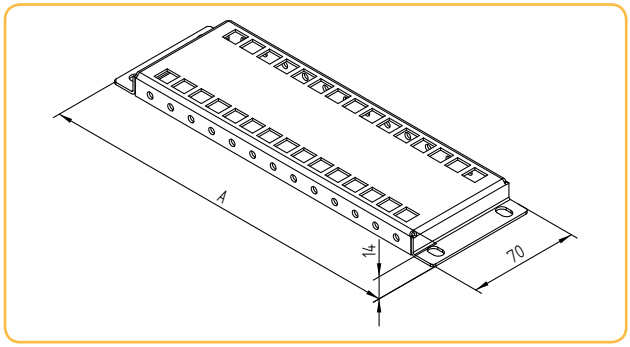
Full profile into the cabinet **order 1 pc for 1 cabinet.**



Horizontal rail S

for SEF

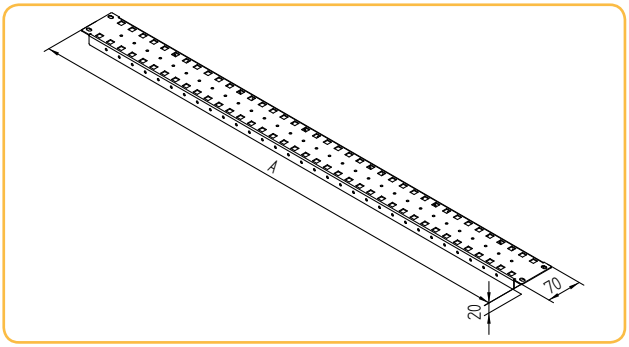
Type	For width A (mm)
SXX-SA-S42-X1	425
SXX-SA-S06-X1	600
SXX-SA-S08-X1	800
SXX-SA-S01-X1	1000
SXX-SA-S02-X1	1200



Horizontal rail H

for SEF

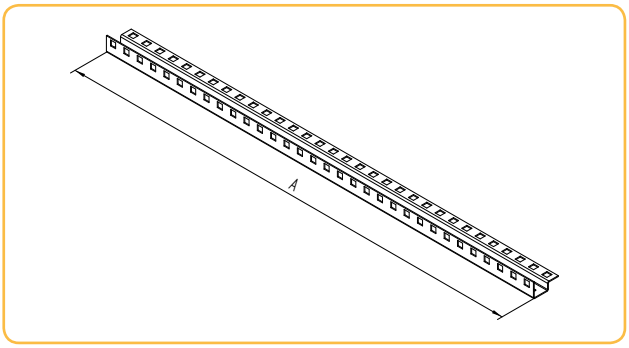
Type	for depth (mm)
SXX-SA-H03-X1	300
SXX-SA-H04-X1	400
SXX-SA-H05-X1	500
SXX-SA-H06-X1	600
SXX-SA-H08-X1	800



Vertical rail
for SEF

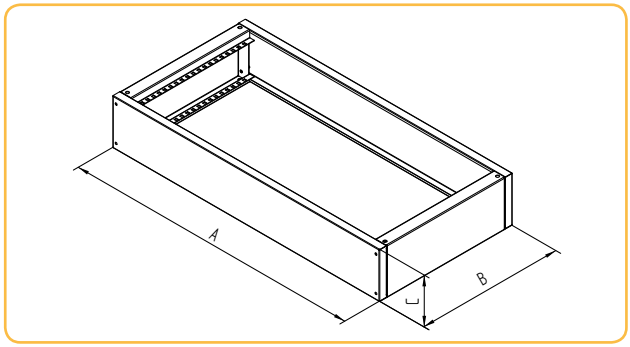
Type	Type length A (mm)
SXX-SA-V07-X1	700
SXX-SA-V08-X1	800
SXX-SA-V09-X1	900
SXX-SA-V01-X1	1000

SXX-SA-N01-X1
Eye bolts 4x



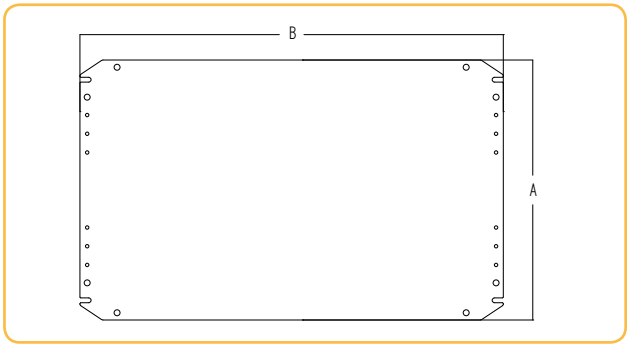
Horizontal base rail R
for SEF

Type	for base width A (mm)
SXX-SA-R42-X1	425
SXX-SA-R06-X1	600
SXX-SA-R08-X1	800
SXX-SA-R01-X1	1000
SXX-SA-R02-X1	1200



Base
for SEF

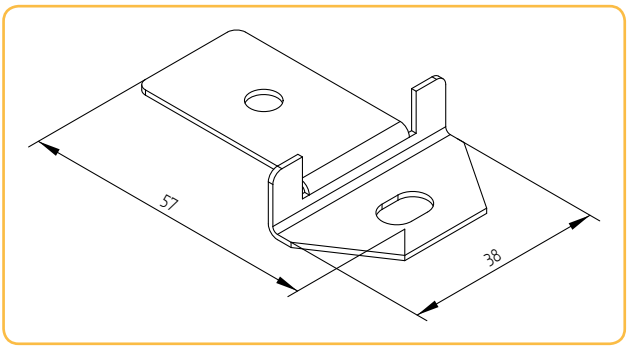
Type	dim. A x B x C (mm)
SXX-SA-P43-X1	425 x 300 x 200
SXX-SA-P63-X1	600 x 300 x 200
SXX-SA-P64-X1	600 x 400 x 200
SXX-SA-P65-X1	600 x 500 x 200
SXX-SA-P66-X1	600 x 600 x 200
SXX-SA-P68-X1	600 x 800 x 200
SXX-SA-P83-X1	800 x 300 x 200
SXX-SA-P84-X1	800 x 400 x 200
SXX-SA-P85-X1	800 x 500 x 200
SXX-SA-P86-X1	800 x 600 x 200
SXX-SA-P88-X1	800 x 800 x 200
SXX-SA-P13-X1	1000 x 300 x 200
SXX-SA-P14-X1	1000 x 400 x 200
SXX-SA-P15-X1	1000 x 500 x 200
SXX-SA-P16-X1	1000 x 600 x 200
SXX-SA-P18-X1	1000 x 800 x 200
SXX-SA-P23-X1	1200 x 300 x 200
SXX-SA-P24-X1	1200 x 400 x 200
SXX-SA-P25-X1	1200 x 500 x 200
SXX-SA-P26-X1	1200 x 600 x 200
SXX-SA-P28-X1	1200 x 800 x 200
SXX-SA-P43-X3	425 x 300 x 100
SXX-SA-P63-X3	600 x 300 x 100
SXX-SA-P64-X3	600 x 400 x 100
SXX-SA-P65-X3	600 x 500 x 100
SXX-SA-P66-X3	600 x 600 x 100
SXX-SA-P68-X3	600 x 800 x 100
SXX-SA-P83-X3	800 x 300 x 100
SXX-SA-P84-X3	800 x 400 x 100
SXX-SA-P85-X3	800 x 500 x 100
SXX-SA-P86-X3	800 x 600 x 100
SXX-SA-P88-X3	800 x 800 x 100
SXX-SA-P13-X3	1000 x 300 x 100
SXX-SA-P14-X3	1000 x 400 x 100
SXX-SA-P15-X3	1000 x 500 x 100
SXX-SA-P16-X3	1000 x 600 x 100
SXX-SA-P18-X3	1000 x 800 x 100
SXX-SA-P23-X3	1200 x 300 x 100
SXX-SA-P24-X3	1200 x 400 x 100
SXX-SA-P25-X3	1200 x 500 x 100
SXX-SA-P26-X3	1200 x 600 x 100
SXX-SA-P28-X3	1200 x 800 x 100



Mounting plate

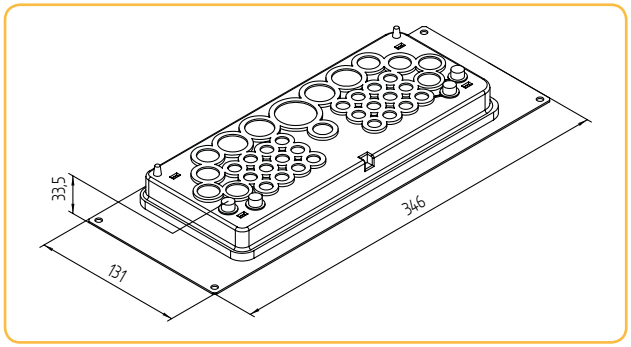
for SAC

Type	dim. A and B (mm)	for
SXX-SA-U04-X1	150 x 220	SAC-025020xxx
SXX-SA-U05-X1	150 x 270	SAC-030020xxx
SXX-SA-U06-X1	250 x 270	SAC-030030xxx
SXX-SA-U07-X1	350 x 270	SAC-030040xxx
SXX-SA-U01-X1	200 x 370	SAC-040025xxx
SXX-SA-U08-X1	250 x 370	SAC-040030xxx
SXX-SA-U09-X1	350 x 370	SAC-040040xxx
SXX-SA-U10-X1	550 x 370	SAC-040060xxx
SXX-SA-U11-X1	350 x 470	SAC-050040xxx
SXX-SA-U02-X1	350 x 570	SAC-060040xxx
SXX-SA-U12-X1	450 x 570	SAC-060050xxx
SXX-SA-U13-X1	550 x 570	SAC-060060xxx
SXX-SA-U14-X1	450 x 670	SAC-070050xxx
SXX-SA-U15-X1	350 x 770	SAC-080040xxx
SXX-SA-U03-X1	550 x 770	SAC-080060xxx
SXX-SA-U16-X1	350 x 970	SAC-100040xxx
SXX-SA-U17-X1	550 x 970	SAC-100060xxx



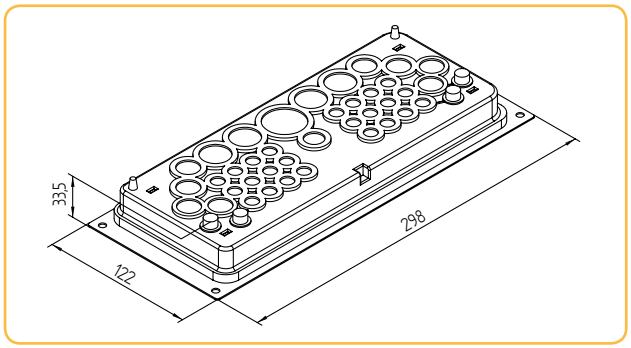
SXX-SA-M01-X1

Mounting bracket for SAC, 4x



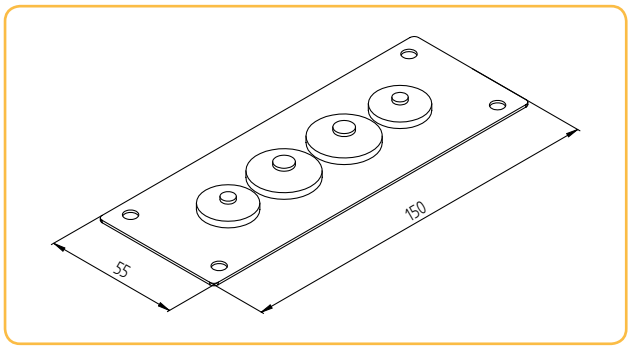
SXC-SA-K01-X1

Cable entries for SAC width 400 mm and wider.



SXC-SA-K02-X1

Cable entries for SAC width 300 mm.

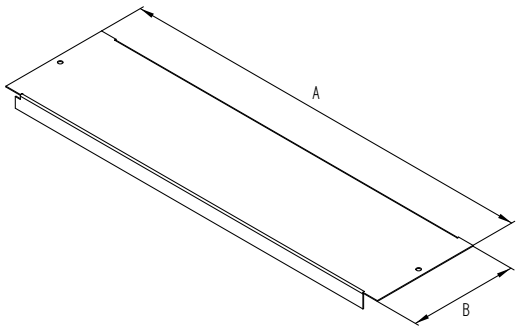


SXC-SA-K03-X1

Cable entries for SAC width 200 mm.

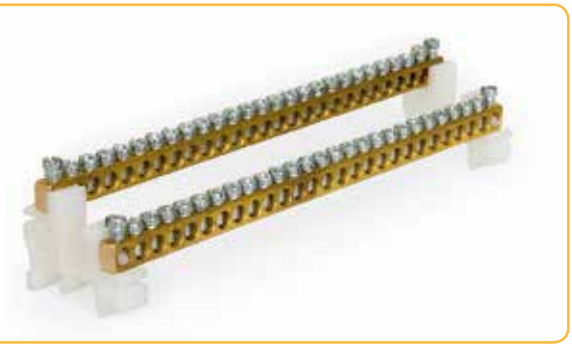
SXX-SA-Z01-X1
Mounting plate for electrometer 8451 45 x 45 cm with 2 positions

SXX-SA-Z02-X1
Mounting plate for electrometer 8537 30 x 22,5 cm with 1 position



Cover blanks
for SCA, SDA

Type	number of modules
SXX-SA-A01-X1	18
SXX-SA-A02-X1	24
SXX-SA-A03-X1	36



Terminal block N + PE
for SCA, SDA.

Type	length A (mm)
SXX-SA-N02-X1	200

BLANKING STRIP
Plastic blanking strip.

Type	number of modules
SXX-SA-N03-X1	12
SXX-SA-N04-X1	18
SXX-SA-N05-X1	24
SXX-SA-N06-X1	36

SXX-SA-C01-X1
Joining kit for SEF cabinets

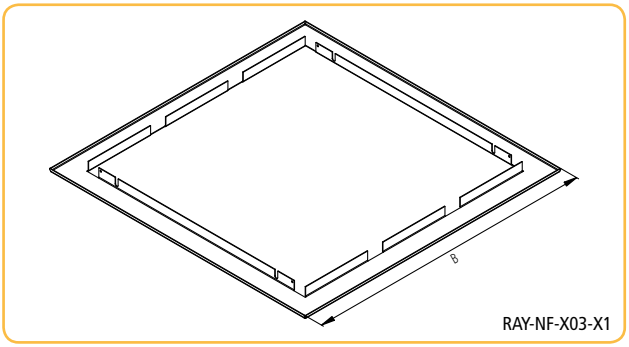
SXX-SA-B01-X1
Big hot-air fan AC 230 V, 400 W, installation on the DIN-rail.

SXX-SA-E01-X1
Fan with a filter AC 230 V, 21m³/h, IP55

SXX-SA-F01-X1
Output filtr 21 m³/h, IP55, 97 x 97 mm

SXX-SA-G01-X1
Electronically adjustable hermo-humidistat AC 100-240 V, 0-60°, 50-90 % RV

ACCESSORIES FOR RNA AND SNA CABINETS



RAY-NF-X03-X1

RAY-NF-X0X-X1
Assembly kit and cover frame for installation into the wall.

Type	Height B (mm)
RAY-NF-X01-X1	216
RAY-NF-X02-X1	383
RAY-NF-X03-X1	550
RAY-NF-X04-X1	716
RAY-NF-X05-X1	883
RAY-NF-X06-X1	1050


RAY-NZ-X02-X1

RAY-NZ-X0x-X1
Side cover for RNA/SNA. Eliminates accidently breaking of side cable entries when mounted on the wall.

Type	Height (mm)
RAY-NZ-X01-X1	166
RAY-NZ-X02-X1	333
RAY-NZ-X03-X1	500

RAY-NZ-X04-X1
Top cover for RNA/SNA

RAY-NP-X01-X1

RAY-NP-X01-X1

Prepares the breakout-type cable entries of the cabinet for mounting the protection pipes and ensures high IP protection.

RAY-NP-X02-X1

RAY-NP-X0x-X1

Cover of the entry for the protection pipes for RNA/SNA. Protects cabling against damage. Height 166 mm.

Type	Depth (mm)
RAY-NP-X02-X1	110
RAY-NP-X03-X1	140

RAY-NO-X02-X1

RAY-NO-X0x-X1

Assembly set for mounting on the wall, 30 mm depth, for RNA/SNA. Allows cabling behind the cabinet installed on / into the wall.

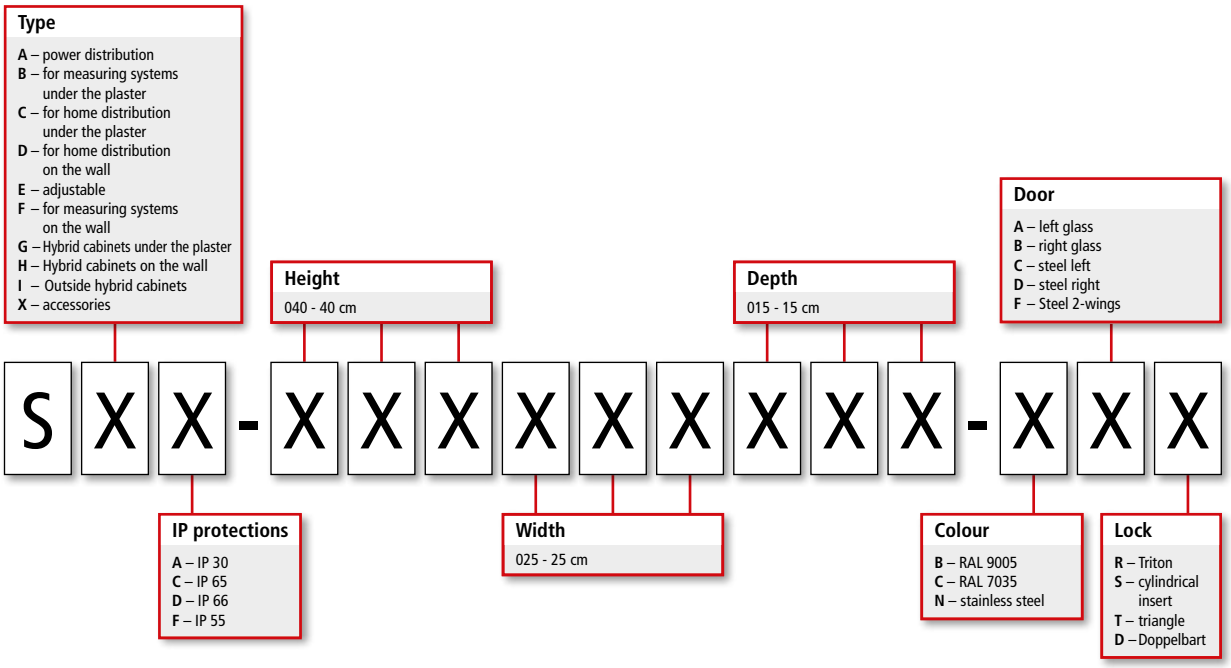
Type	Height (mm)
RAY-NO-X01-X1	166
RAY-NO-X02-X1	333
RAY-NO-X03-X1	500

RAY-NO-X20-X1

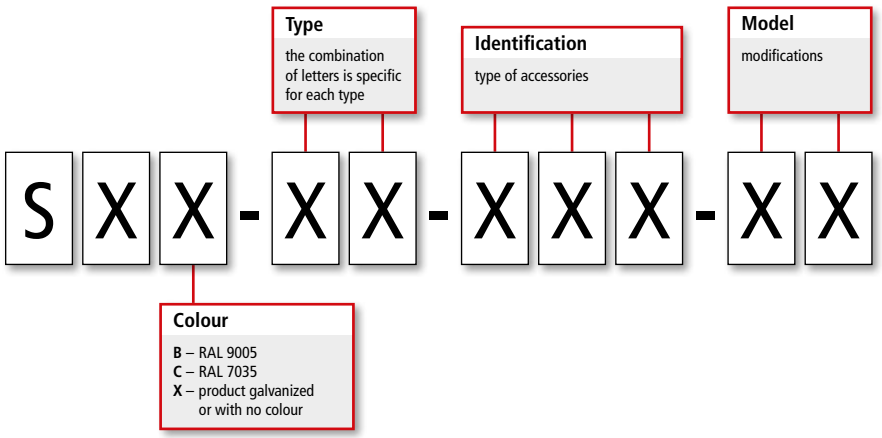
RAY-NO-X20-X1

Cover for the assembly set RAY-NO-X0x-X1, 30 mm depth, for RNA/SNA. Covers top / bottom hole behind the cabinet when using RAY-NO-X0x-X1.

PART NUMBERS FOR POWER DISTRIBUTION CABINETS



PART NUMBERS FOR ACCESSORIES for distribution cabinets



CERTIFICATION

ISO 9001-2008

ISO 14001-2004

OHSAS 18001-2007

SEF

SEF

SAC

SAC

SDA, SBA, SFA, SCA

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