

19" floor-standing / wall-mounted system **VARI IT 501**



for more than 45 years
... the perfect shell for valuable electronics



VARI IT 501

The expert for industrial and office solutions



19" floor-standing / wall-mounted enclosure VARI IT

- developed for flexible Networking solutions in industrial and office applications
- available as floor-standing or wall-mounting rack
- fast and easy access due to dismantlable frame covers
- solid frame construction (welded frame)
- available with doors or dismantlable front and rear covers
- 19" mounting level moved to front for better access (for version with covers)
- available depths: D=400 mm – D=1000 mm (depending on enclosure combination)
- pre-perforated cut-outs for easy cable entry in top & bottom
- possibility to mount fan-units in top & bottom
- door hinges interchangeable (upon request)
- doors with lever lock (profile semi cylinder optional)
- covers and side walls with sash-fasteners
- wide range of possibilities for configuration
- full range of IT-specific accessories

Technical information

Material: sheet metal
cover made from Aluminum

Surface: powder coated
RAL 7035 (light grey)

side walls in
RAL 7037 (dust grey)

Delivery: assembled

Degree of Protection:
up to IP54 depending on
enclosure configuration



i-VARi 501

The specialist for
“public areas”

Design Cabinet i-VARi 501

- cabinet for installation of networking-/ IT-components electronic equipment
- designed for installation in office areas, public buildings, hotel foyers or representative rooms
- elegant, slim construction with vertical 19" mounting levels
- solid welded frame construction
- individual configurations possible (height, width and depths)
- Design your own rack and customise it by powder coated covers made from sheet metal/ aluminum or even decorative solid wood or plastic panel covers
- door hinges interchangeable (upon request)
- doors with lever lock (profile semi cylinder optional)
- cable entry in the rear of bottom area
- possibilities for a active or low-noise passive ventilation
- different dimensions available
- noise reduced ventilated version available upon request

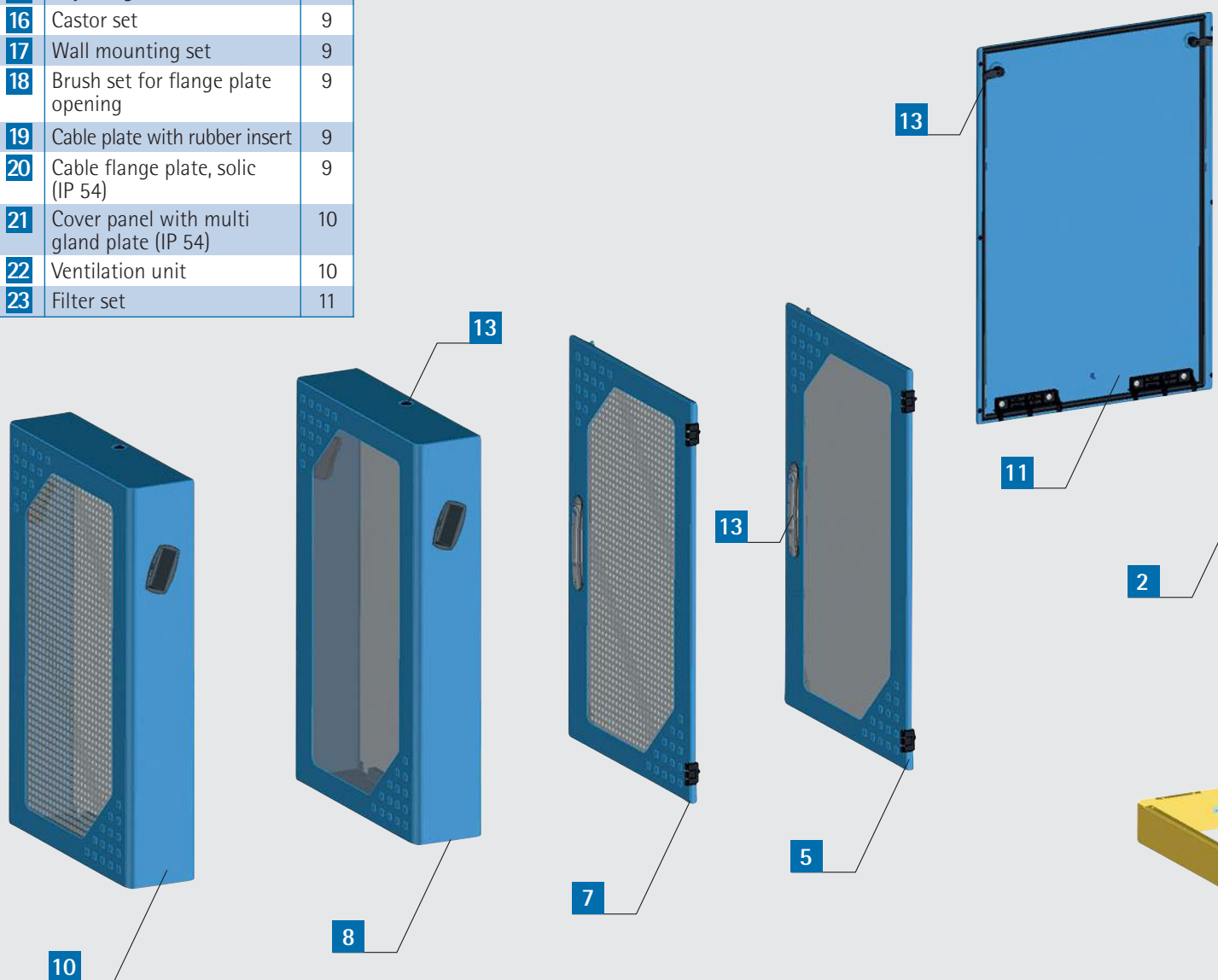


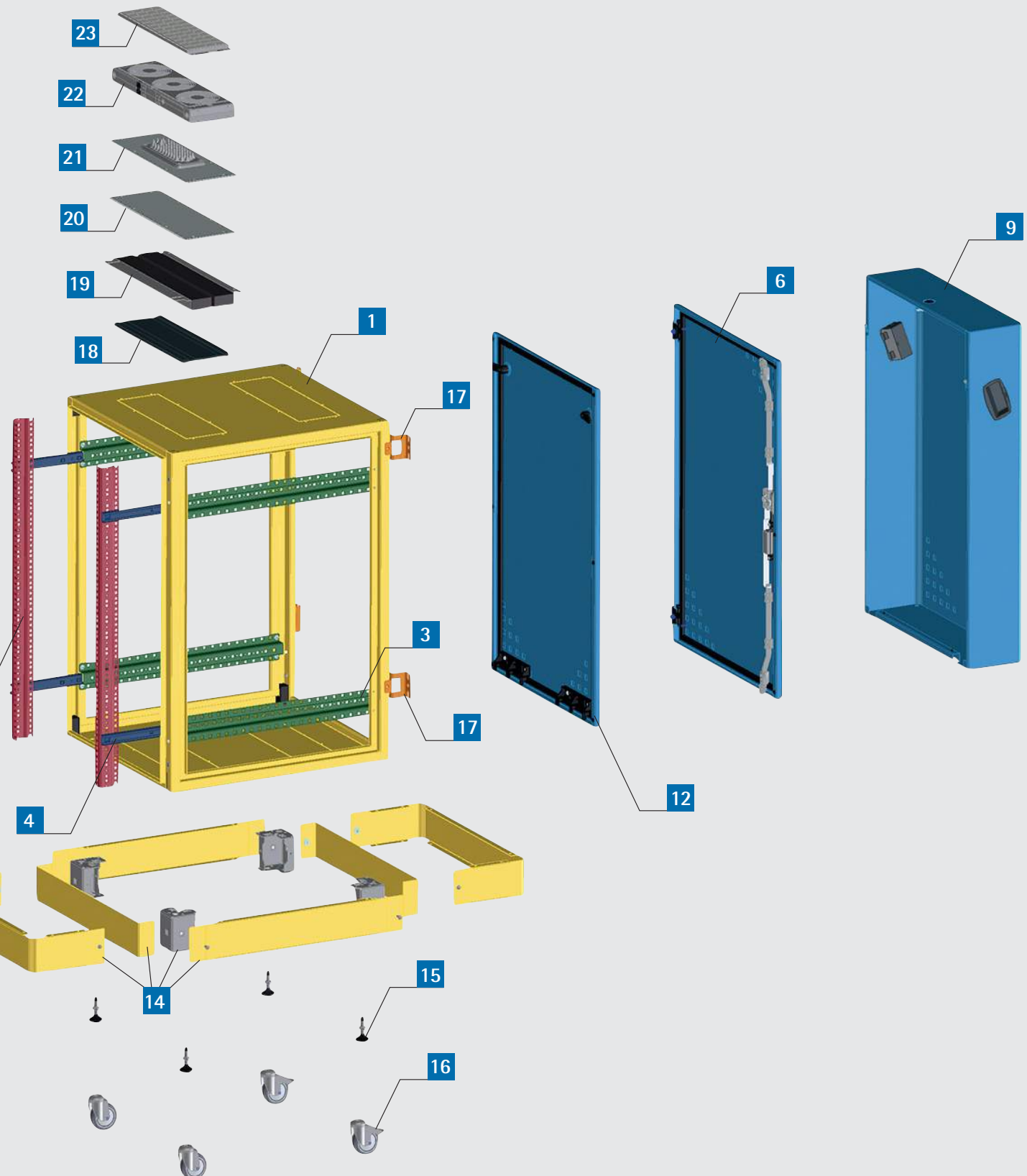
**Just ask us! We will be
pleased to advise you.**

Pos.	Description	page
1	Base enclosure	6
2	19" vertical mounting	6
3	Reducing traverse	6
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Configure your own individual cabinet

Select step by step the cabinet components you need.





Base enclosure

The solid base enclosure consists of a welded frame with pre-perforated cut-outs for cable entry and ventilation units in top & bottom. Four pre-installed reducing traverses for the installation of the 19" vertical mounting frames.

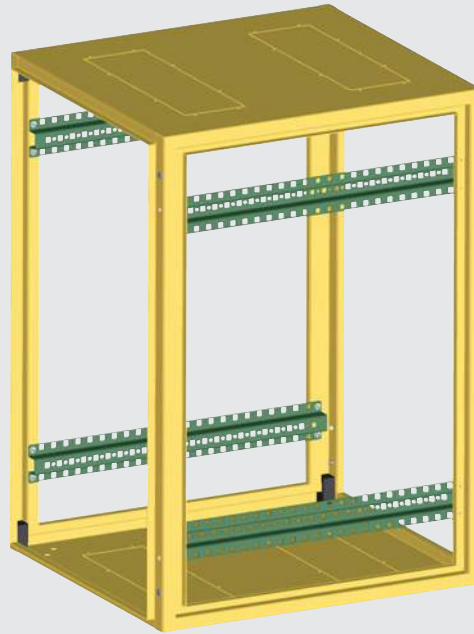
Material: sheet metal

Surface:

powder coated, RAL 7035 (light grey)

Delivery: assembled

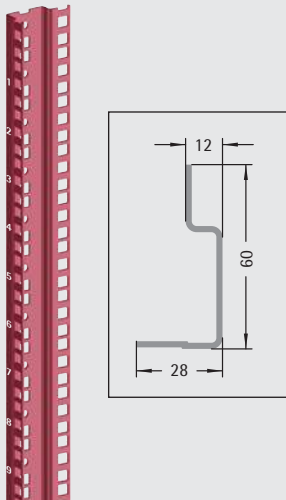
1



Dimensions H x W x D (mm)	U	Order no.
530 x 600 x 400	9	501-409-00
530 x 600 x 700	9	501-709-00
750 x 600 x 400	15	501-415-00
750 x 600 x 700	15	501-715-00
950 x 600 x 400	19	501-419-00
950 x 600 x 700	19	501-719-00

19" vertical mounting

2



- ASA
- printed U steps
- packing unit: 1 piece

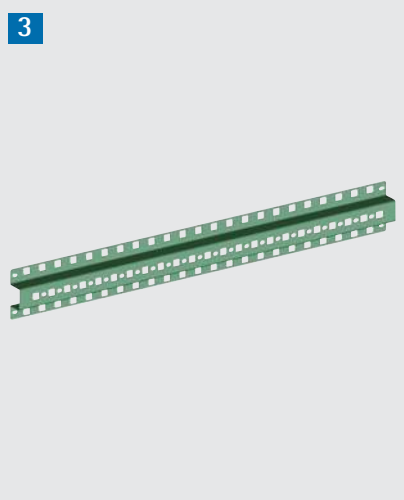
Material: sheet metal

Surface: galvanised

U	Order no.
9	316-120-09
15	316-120-15
19	316-120-19

Reducing traverse

3



- for mounting on the base enclosure
- for variable depth installation of 19" vertical mountings
- packing unit: 1 piece

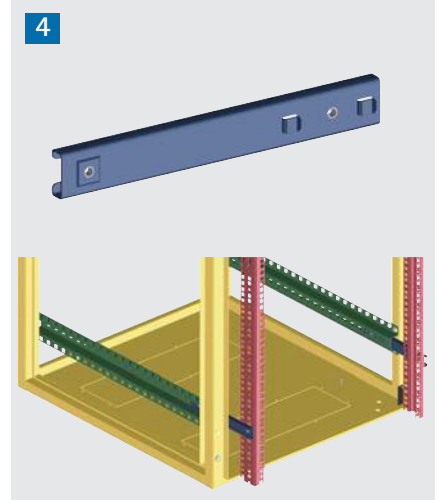
Material: sheet metal

Surface: galvanised

D (mm)	Order no.
400	501-002-20
700	501-002-25

Reducing traverse extension

4



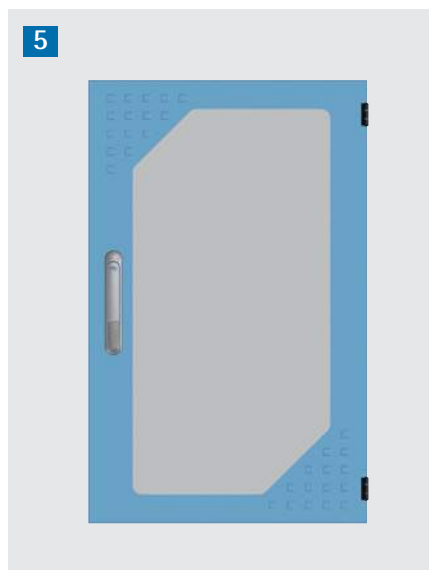
- for mounting on the reducing traverse
- for variable depth installation of 19" vertical mountings
- packing unit: 1 piece

Material: sheet metal

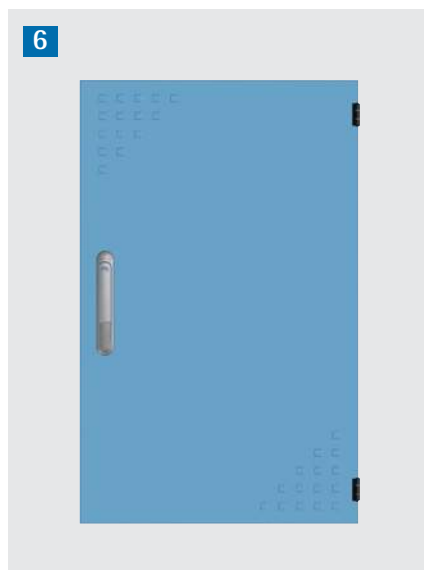
Surface: galvanised

Order no.
501-002-30

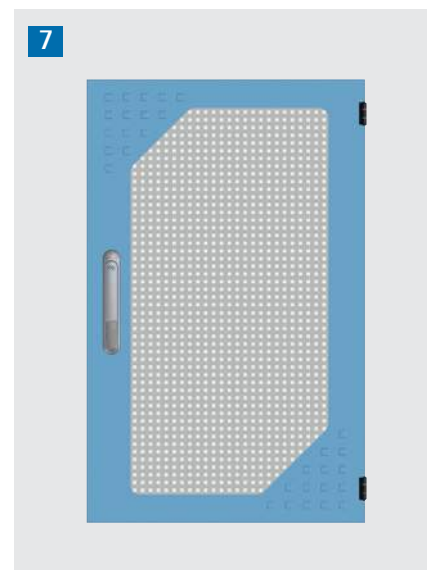
Door with safety glass



Door, closed



Door, perforated (83%)



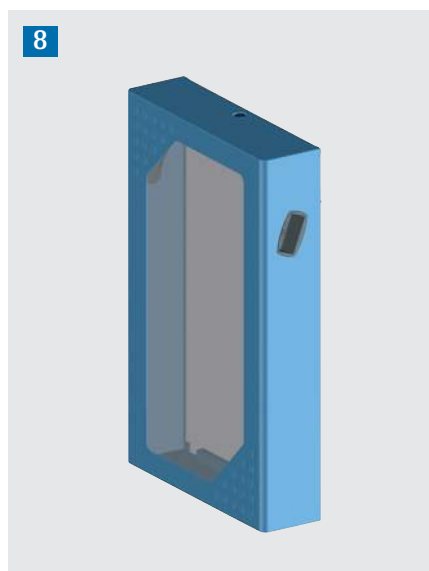
- with lever lock
- optional with profile semi-cylinder (40 mm)

Material: sheet metal

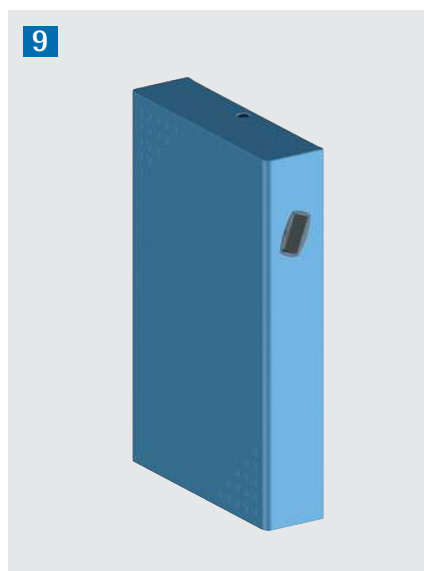
Surface: powder coated, RAL 7035 light grey

Dimensions H x W (mm)	U	Door with safety glass	Door, closed	Door, perforated (83%)
530 x 600	9	501-609-01	501-609-02	501-609-16
750 x 600	15	501-615-01	501-615-02	501-615-16
950 x 600	19	501-619-01	501-619-02	501-619-16

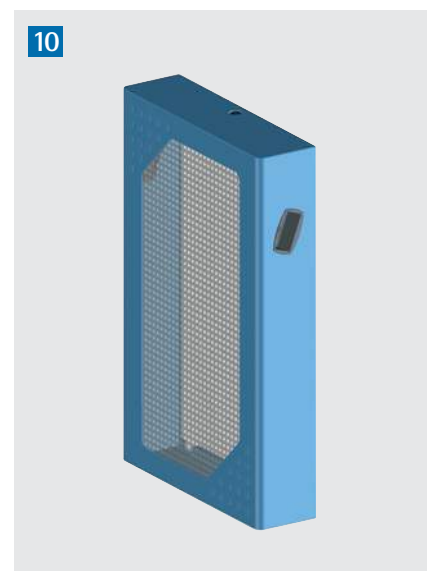
Cover with safety glass



Cover, closed



Cover, perforated (83%)



- with sash fastener on top (standard 5 mm double-bit)
- optional with profile lock

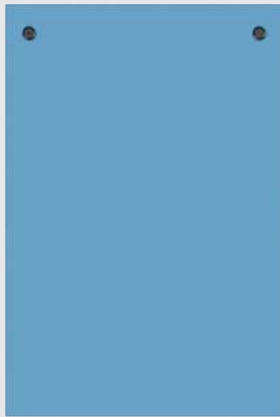
Material: Aluminium

Surface: powder coated, RAL 7035 light grey

Dimensions H x W x D (mm)	U	Cover with safety glass	Cover, closed	Cover, perforated (83%)
530 x 600 x 150	9	501-609-21	501-609-22	501-609-26
750 x 600 x 150	15	501-615-21	501-615-22	501-615-26
950 x 600 x 150	19	501-619-21	501-619-22	501-619-26

Side wall

11



- with 2 sash fasteners (standard 5 mm double-bit)

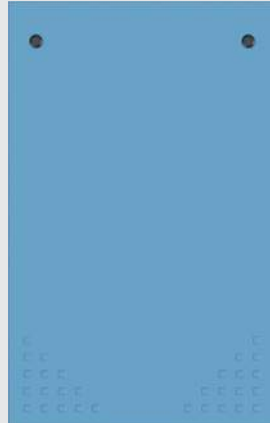
Material: sheet metal

Surface: powder coated
RAL 7037 dust grey

Dimensions H x W (mm)	U	Order no.
530 x 400	9	501-409-03
530 x 700	9	501-709-03
750 x 400	15	501-415-03
750 x 700	15	501-715-03
950 x 400	19	501-419-03
950 x 700	19	501-719-03

Rear panel

12



- with 2 sash fasteners (standard 5 mm double-bit)

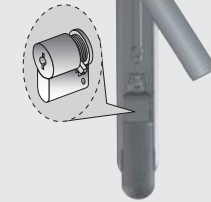
Material: sheet metal

Surface: powder coated
RAL 7037 dust grey

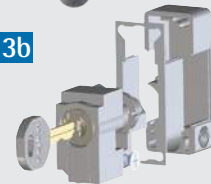
Dimensions H x W (mm)	U	Order no.
530 x 600	9	501-609-03
750 x 600	15	501-615-03
950 x 600	19	501-619-03

Closing systems for doors

13a



13b



13c

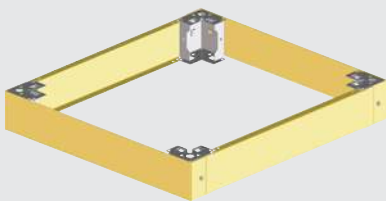


- a) **profile semi-cylinder** L=40mm with EK 333 closing for turning lever lock on doors
- b) **adapter** for profile semi-cylinder with L=40 mm acc. to DIN 18252
- c) **cylinder sash fastener** with EK333 closing for locking side walls, rear walls or covers

Description	Order no.
profile semi-cylinder	676-316-00
adapter	676-316-10
cylinder sash fastener	676-181

Base

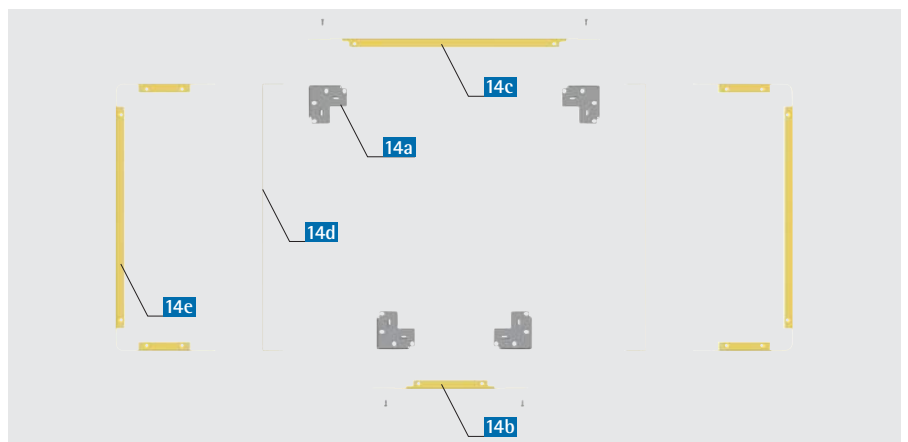
14



- for mounting on base enclosure
- incl. mounting material

Material: sheet metal

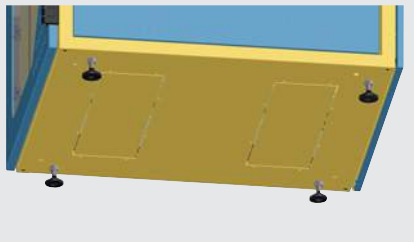
Surface: Base panels: powder coated,
RAL 7035 light grey,
base corners: galvanised



Pos.	Description	Dimension	pc.	Order no.
14a	Base corners	H = 100 mm	4 pieces	501-100-00
14b	Base panel lateral	D = 400 mm	1 piece	501-100-10
14c	Base panel lateral	D = 700 mm	1 piece	501-100-20
14d	Base panel for door	W = 600 mm	1 piece	501-100-30
14e	Base panel for cover	W = 600 mm	1 piece	501-100-40

Adjusting feet (set)

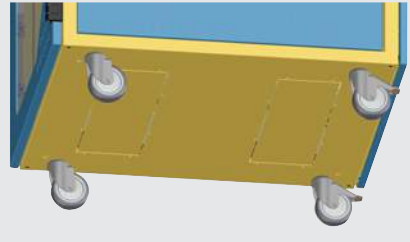
15



- for mounting on enclosure or base
- packing unit: 4 pieces, incl. mounting material
- height 25 mm
- adjusting range approx. 20 mm

Castor set

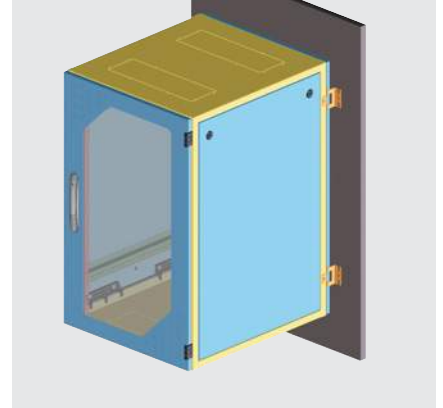
16



- for mounting on enclosure
- packing unit: 4 pieces (2 with brakes), incl. mounting material
- height 105 mm
- max. load: 250 kg

Wall mounting set

17



- for mounting on enclosure
- packing unit: 4 holders
- incl. mounting material

Material: sheet metal
Surface: galvanised

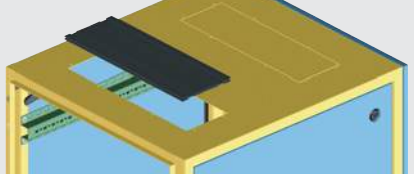
Description	Order no.
mounting on rack	500-550-00
mounting on base	500-001-28

Order no.
500-330-10

Order no.
501-099-00

Brush set for flange plate opening

18

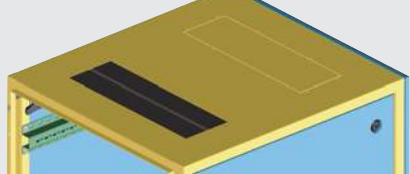


- for mounting in the break-outs (top & bottom) of the enclosure
- consisting of 2 brush strips to be fixed in the break-out

Material: TPE, PA6, UL94 HB
Colour: black

Cable plate with rubber insert

19

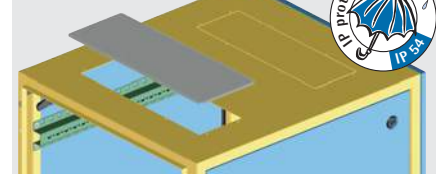


- for mounting in cut-outs from inside of enclosure
- consisting of 2 clamping brackets and 2 foam profiles
- incl. mounting material

Material: sheet metal (brackets), polyurethane foam (foam profiles) UL94 HF1
Surface / Colour: galvanised (brackets), anthracite (foam profiles)

Cable flange plate, solid

20



- to cover break-outs for cable entry
- completely closed incl. sealing (IP54)
- incl. mounting material

Material: sheet metal
Surface: powder coated, RAL 7035 (light grey)

Order no.
316-111-10

Order no.
501-002-80

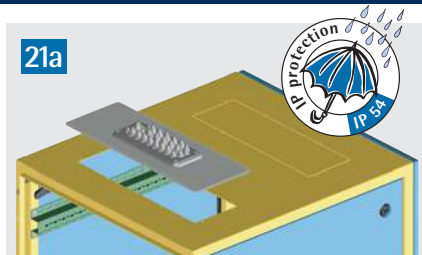
Order no.
501-002-50

Cover panel with multi gland plate

- for mounting in break-outs
- incl. multi cable gland plate for installation of different cable diameters (IP54 / see table)
- incl. mounting material

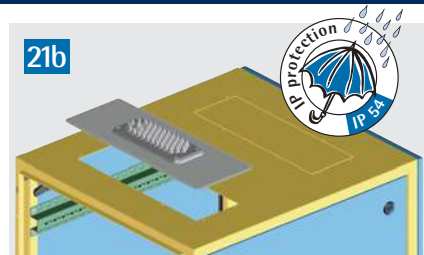
Material: cover plate: sheet metal, cable gland: reinforced plastic compound, UL94 V0

Surface / Colour: powder coated / RAL 7035 (light grey)



Number	cable Ø
2	3,5 - 11 mm
5	10 - 14 mm
12	14 - 18 mm
5	14 - 22 mm
1	14 - 35 mm

Description	Order no.
Cover Plate Type 1	501-002-70



Number	cable Ø
50	7 - 13 mm
1	15 - 25 mm

Description	Order no.
Cover Plate Type 2	501-002-75

Ventilation unit



- pre-configured ventilation unit (plug&play)
- for mounting in break-outs in top & bottom
- different versions available (see table below)
- Dimensions (H x W x D): 44 x 450 x 140 mm

Material: Polycarbonate, UL94 V0

Surface: black

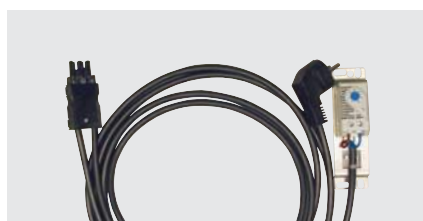
Description	Unimpeded air flow	Basic module	Extension module
fan module 1-fold	115 m³/h	230-500-01	230-500-11
fan module 2-fold	230 m³/h	230-500-02	230-500-12
fan module 3-fold	345 m³/h	230-500-03	230-500-13
fan module "silent"	240 m³/h	230-500-43	-

Power cord, standard



Connection	Length	Order no.
Earthing-pin	3 m	640-044-05
Cooling devices	3 m	230-500-15
Without plug for fixed connection	3 m	230-500-16

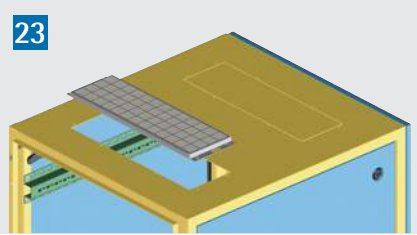
Power cord with thermostat 0-60°C



Connection	Length	Order no.
Earthing-pin	3 m	230-500-04
Cooling devices	3 m	230-500-05
Without plug for fixed connection	3 m	230-500-06

Filter set

23



- for mounting on the break-outs or ventilation unit
- consisting of: holder and filter fleece, incl. mounting material

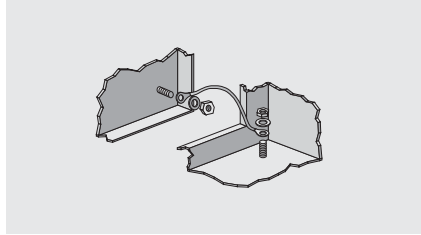
Material:

Frame: sheet metal

filter: polyester, fire class F1

Description	Order no.
filter set	316-100-99
spare filters, 5x	671-200-05

Earthing kit VARI IT



- earthing in compliance to VDE
- for conductive connection of cabinet parts (cable dia. 2,5mm²)
- plug-connector on side covers, screwed connection on rack frame

Order no.
501-150-00

Document pocket



- self-adhesive
- heat resistant to 60°C
- capacity 3kg

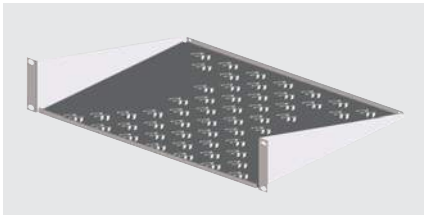
Dimensions (W x H x D):

235 x 260 x 27 mm

Material: plastic, black

Order no.
640-100

19" shelf, fixed, 2U



- easy installation on 19" vertical mounting
- ventilated
- capacity: 15 kgs (surface load)

Material: sheet metal

Surface: powder coated, RAL 7035 (light grey)

Order no.
315-810-20

19" Cable management panel



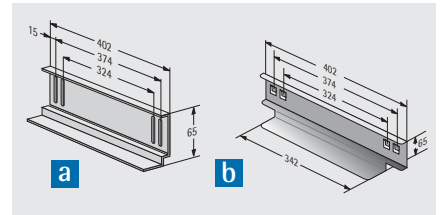
- for horizontal cable guiding
- incl. 4 cable hoops

Material: sheet metal / metal

Surface: powder coated, RAL 7035 (light grey) / chrome-plated

U	RAL 7035	RAL 9005
1	213-145-41	213-145-42
2	213-145-43	213-145-44

Sliding rails (screwable / hook-in)



- for screwing/hinging into vertical mountings
- for placing heavy 19" plug-ins
- 2 vertical mountings are required for fixing

Material: sheet metal, galvanized

Load capacity: 50 kg

screwable a	hook-in b
312-544	316-544-00

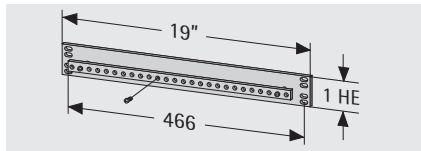
19" multiple socket 1U



- stable aluminium case
- connection line: 3 x 1,5 mm / L=2m
- 230 V; 50 Hz

Order no.
591-400-00

19" potential equalisation

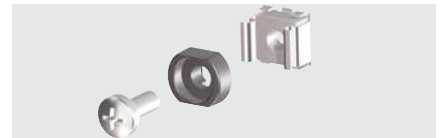


- for 19" or cabinet frame mounting
- connection: 27 x M 5
- cross-section: 50 mm²

Material: sheet metal/copper

Order no.
640-028-00

Screw set M 5 / M 6 (50x)



- set consisting of:
- 50 pcs cross dome oval-head screws
- 50 pcs captive nuts
- 50 pcs decorative washers

Material: steel, polyamide

Description	Order no. (set)
Screw set M 5	630-991
Screw set M 6	630-994

A success story: apraNET installs Netcell at University of Hagen

The University of Hagen is the first and only public University regulated by public law in Germany. With approximate 77.000 students it is also the biggest German university. With degrees like Bachelor, Master or Promotion the University Hagen is a real alternative to a standard study and is representing the trend for lifelong learning.

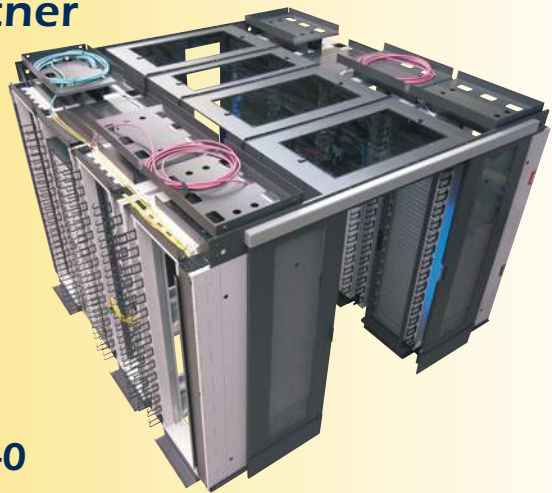
The data center has been equipped with our cabinet system "NETcell" which has been developed especially for such kind of data center requirements. Especially our flexible combination and customized adaption of enclosure components into their existing infrastructure, convinced the IT department of the open university Hagen. With our field service at place, substantial guidance from head office and our installation and mounting service, apraNET was a reliable partner for the open University during the complete process of this project.



apraNET – your full-service partner for data center solutions

As your reliable partner for data center solutions, we are at your side from planning over installation till after sales service. No matter if it is about **cabinet solutions, climate control, power distribution or cable management.**

**Just ask us - we will be pleased
to advise you: +49 (0) 65 92 / 95 12-0**



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- member of the apra-group -

