PENTAIR

Schroff

EPCASE

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Wall mounted cases – epcase

Cabinets 1
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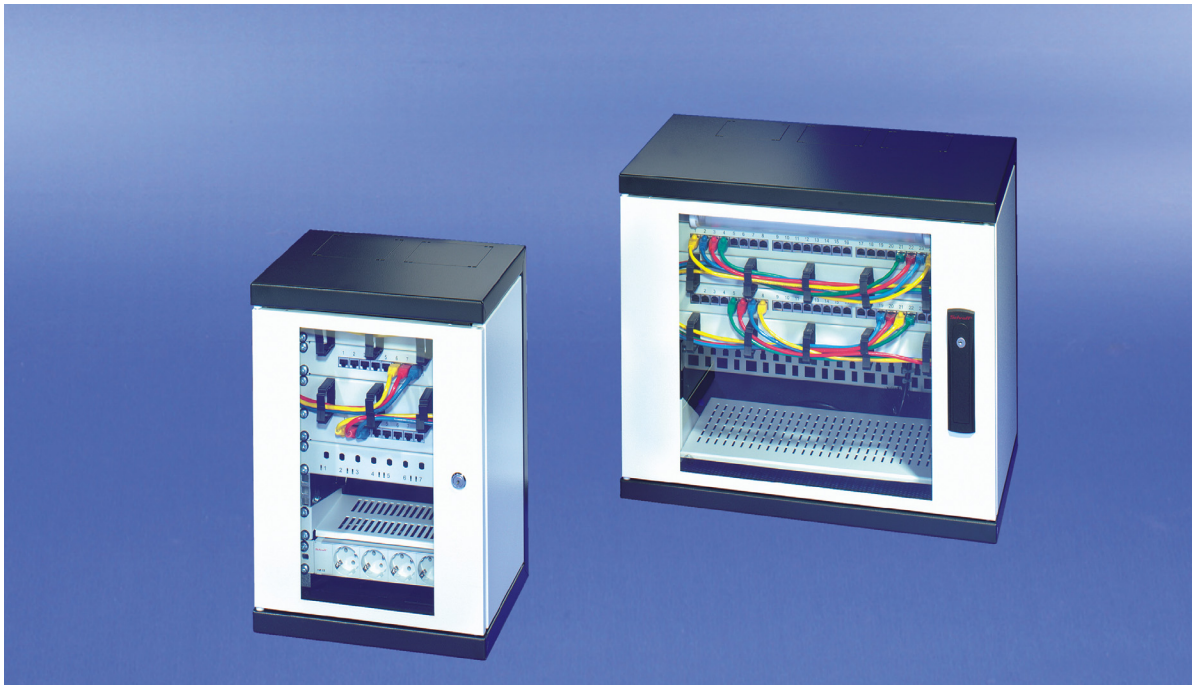
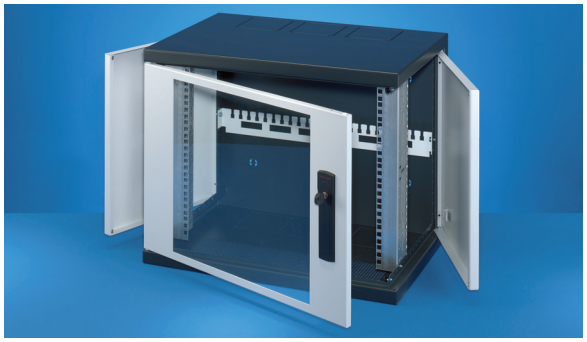


01505008



01506002

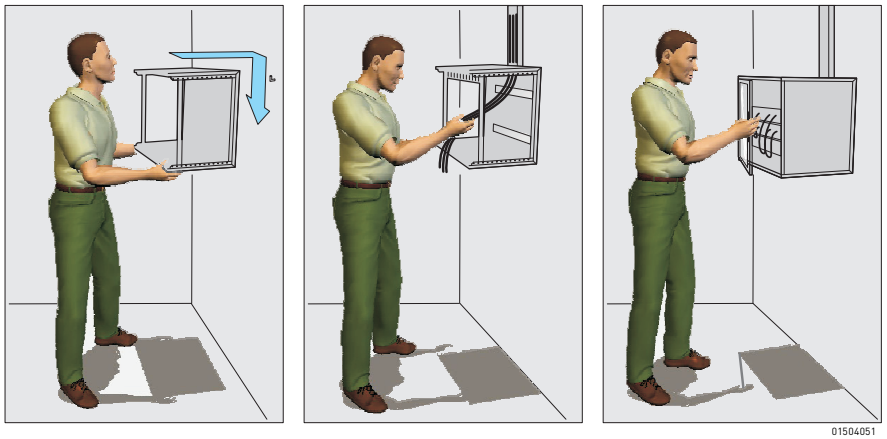
Hinged side panels for easy access

01505003

Optimum space utilisation due to an additional vertical 19" plane; fans retrofittable

Standards

- Type of protection IP 20 IEC 60529



01504051

Simple design and assembly: mounting, wiring, cladding

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Wall mounted cases – epcase

Overview 2.24

Low-cost wall mounted case

- Hinged side panels for easy access
- Completely pre-assembled
- Optimum space utilisation through depth-adjustable 19" slide mounts and an additional vertical 19" plane
- Type of protection IP 20

01506001

epcase 19"

- 19" assembly from 9 ... 20 U

01505006

epcase 10"

- 10" assembly from 4 ... 12 U

30407004

ServicePLUS from page 2.46

e.g. special colours, special sizes
e.g. air conditioning
e.g. fittings, conversions, cut-outs
e.g. custom solutions

www.schroff.biz/ServicePLUS

epcase 19"
19" wall mounted case 2.26
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epcase 10"
10" wall mounted case 2.32
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Equipment support 2.33
10" front panel ... 2.34
10" socket strip 1 U, SCHUKO 2.35

ServicePLUS ... 2.46

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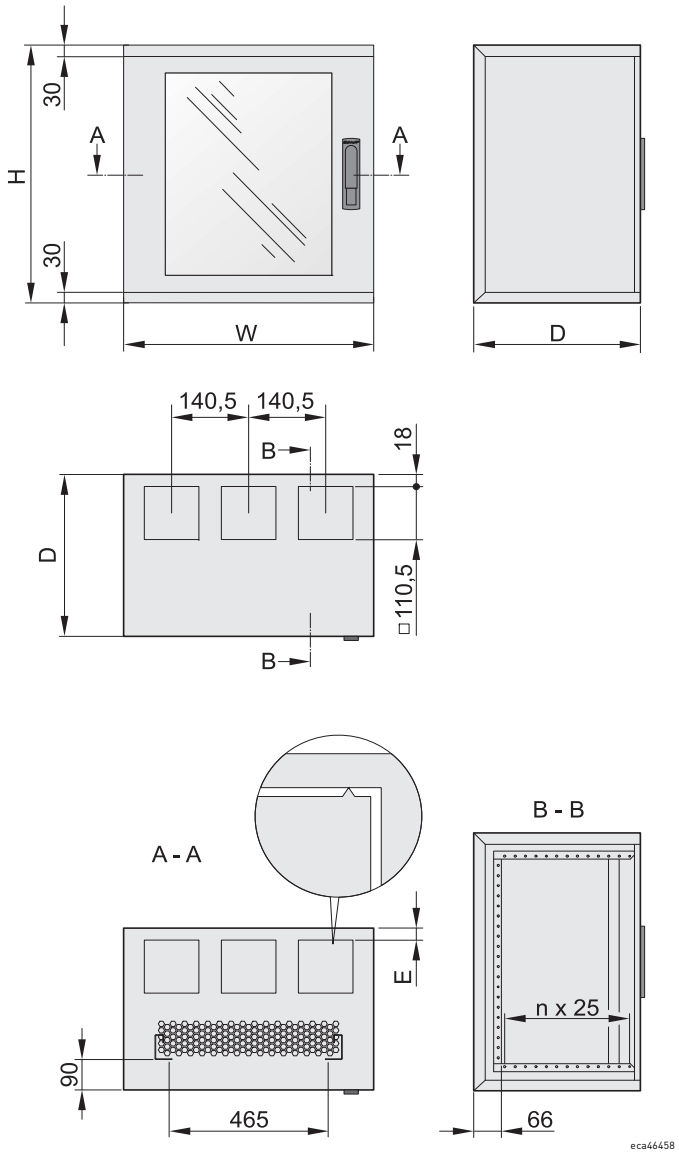
19" wall mounted case

- Multi functional 19" wall case with hinged side panels
- Cable entry possible from above or below;
  the cable entry opening can be sealed with two brush strips each, resp. can be used to assemble fan
- Cable support rail is included and is adjustable in 25 mm increments
- 19" panel/slide mounts are depth-adjustable in 25 mm increments
- Type of protection IP 20

Delivery comprises (assembled)

Item	Qty	Description
1	1	Basic case, C form, St, 2 mm, RAL 7021
2	1	Glazed door with key/lock (key no. 2233), door handle cut-out S2100, frame, St, 1.5 mm, RAL 7035, Sekurit glass 4 mm
3	2	Side panel, St, 1.5 mm, RAL 7035
4	1	Cable support rail, St, RAL 7035
5	2	19" slide mounts, St, 2 mm, finish AlZn
6	2	Brush strip (to cover cable entry opening)
7	1	Assembly kit for wall mounting



Order Information

Height	Height	Width	Depth		Weight	Load-carrying capacity	Part no.
U	mm	mm	mm	mm	kg	kg	
9	487	600	300	18	18	60	**10236-151**
9	487	600	400	18	20	35	**10236-152**
12	612	600	400	18	24	35	**10236-156**
12	612	600	500	85	25	30	**10236-157**
16	812	600	400	18	28	35	**10236-160**
16	812	600	500	85	30	30	**10236-161**
16	812	600	600	85	32	25	**10236-162**
20	962	600	500	85	34	30	**10236-165**
20	962	600	600	85	38	25	**10236-166**
GND/earthing, PU 1 kit							**21236-097**
Brush strip, 1 piece							**21236-094**
Feet, plastic, black, PU 4 pieces							**21236-089**
Cable shell for cable bundle 30 ... 34 mm, PU 10 pieces							**20114-728**
Cable tie 92 mm x 2.5 mm, PU 25 pieces							**20118-351**
19" assembly kit (screw, washer, nut) (32 x M6 screws x 16, 32 x plastic washers, 32 x cage nuts)							**21190-435**

Note

- Lever handle for single point locking with DIN profile half cylinder is retrofittable, see page 2.28

ServicePLUS see page 2.46

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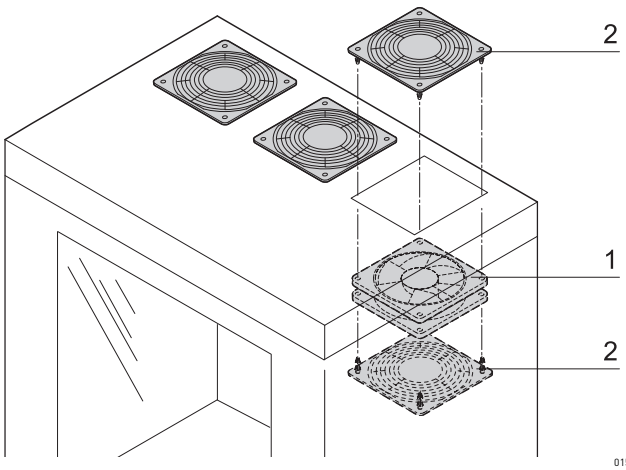
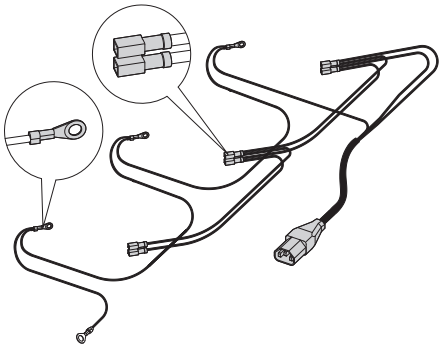
Wall mounted cases – epcase

Fan with covering grille, 230 V_{AC}





Connecting cable and earthing for 1 ... 3 fans

- For assembly in cable ducting openings (top/bottom)
- Assembly of fan by clipping in protective grilles
- Connect up to 3 fans via separate connecting cable

Delivery comprises

Item	Qty	Description
1	1	230 V_{AC} fan, dimensions 38 x 119 x 119 mm
2	2	Protective grille, plastic, black

Order Information

Description	Part no.
Fan with covering grille, 230 V_{AC}	**21236-092**
Connecting cable for 1 ... 3 fans IEC-320 male connector, 1 piece	**21236-099**
Thermostat with mains/line connector, 230 V_{AC}, SCHUKO/ UTE connector, IEC-320 female connector, 1 piece	**20118-750**

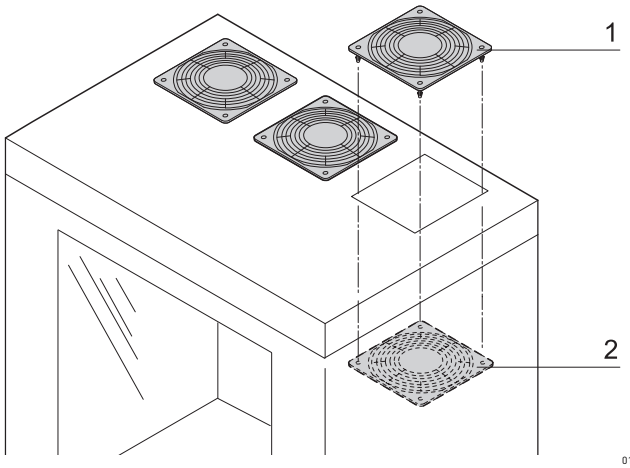
Technical data

Frequency	50 Hz	60 Hz
Voltage	230 V_{AC}	230 V_{AC}
Air volume, unrestricted	162 m^3/h	192 m^3/h
Noise pressure level	37 dB(A)	41 dB(A)
Max. static pressure	73 Pa	88 Pa
Max. ambient temperature	+70 °C	+70 °C
Power consumption	15 W	14 W

Note

- Please order connecting cable separately

Protective grille



- For passive cooling
- To cover the opening

Delivery comprises

Item	Qty	Description
1	1	Protective grille with pins, plastic, black
2	2	Protective grille with cut-outs, plastic, black

Order Information

Description	Part no.
Protective grille	**21236-127**

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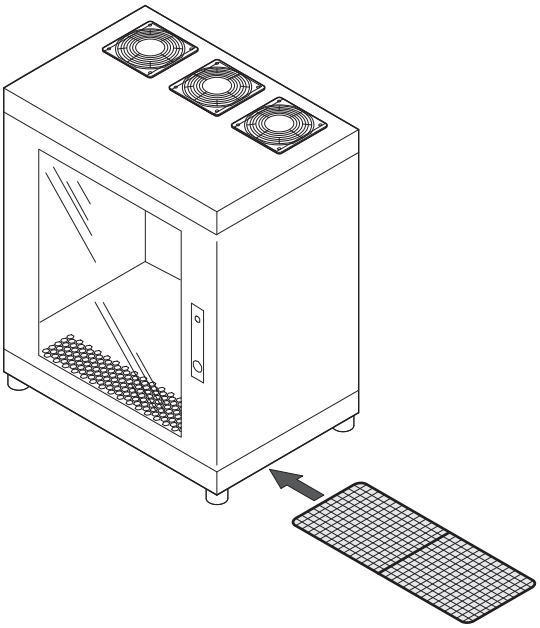
Air filter for 19" wall mounted case



01505059

- Filtering of the inlet air at the case bottom
- Assembly beneath the case, easy filter replacement
- Filter class G3

Delivery comprises

Item	Qty	Description
1	2	Support bracket, St, 1 mm, RAL 7021
2	3	Filter mat with round steel frame, filter class G3
3	1	Assembly kit

Order Information

Description	Part no.
Air filter for case depth 300/400 mm	21236-103
Air filter for case depth 500/600 mm	**21236-104**
Replacement filter mat for case depth 300/400 mm, PU 3 pieces	21236-125
Replacement filter mat for case depth 500/600 mm, PU 3 pieces	**21236-123**

Lever handle for single point locking

01005016

- For installation instead of key lock insert
- To open press push-button
- DIN profile half cylinder retrofittable

Delivery comprises

Item	Qty	Description
1	1	Lever handle for single point locking
2	1	Assembly kit

Order Information

Description	Part no.
Lever handle for single point locking	**23130-067**
DIN profile half cylinder, common locking for lever handle (1 key fits all locks) incl. 2 keys	**25127-995**

Note

- Other locks such as ASSA, KABA or RONIS available on request

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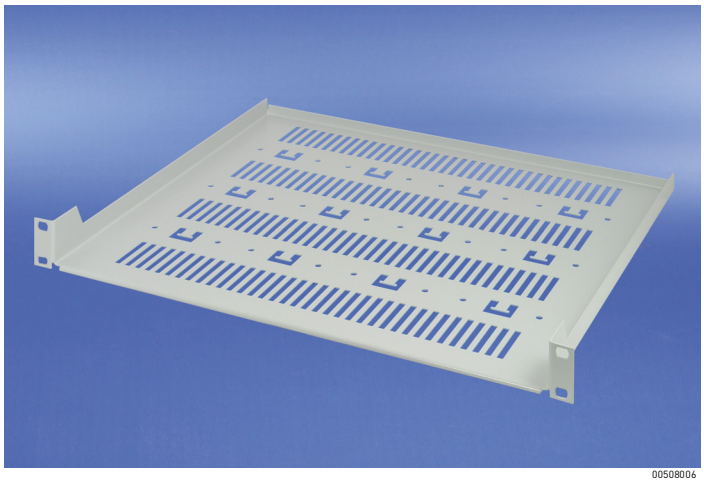
Wall mounted cases – epcase

19" equipment shelf, 1 U


00508006

- Static load-carrying capacity 5 kg
- Mounting height 1 U

Delivery comprises

Item	Qty	Description
1	1	Equipment shelf, St, 1.5 mm

Order Information

Width mm	Depth mm	RAL 7035 Part no.
447	390	**20118-783**
19" assembly kit (screw, washer, nut) (4 x M6 screws x 16, 4 x plastic washers, 4 x cage nuts)		**21190-095**

19" equipment shelf, 2 U

00508002

- Static load-carrying capacity 10 kg
- Mounting height 2 U

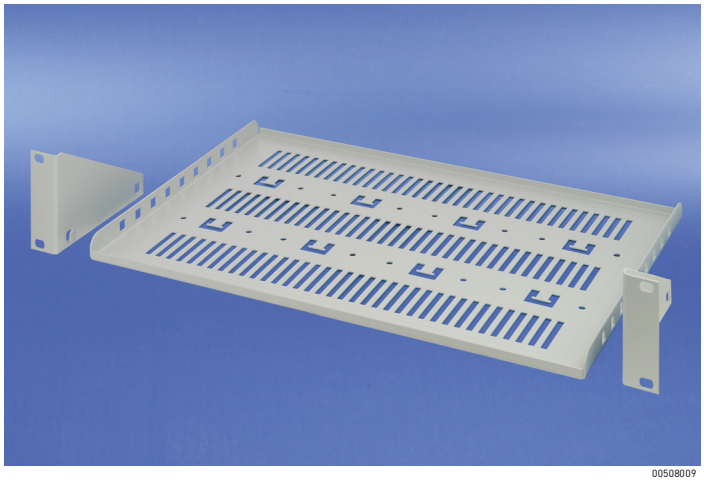
Delivery comprises

Item	Qty	Description
1	1	Equipment shelf, St, 1.5 mm

Order Information

Width mm	Depth mm	RAL 7035 Part no.
447	238	**20118-785**
19" assembly kit (screw, washer, nut) (4 x M6 screws x 16, 4 x plastic washers, 4 x cage nuts)		**21190-095**

19" equipment shelf, depth-adjustable, 2 U


00508009

- Static load-carrying capacity 15 kg
- Mounting height 2 U
- Depth-adjustable in 25 mm increments (front protrusion min. 26 mm)

Delivery comprises (kit)

Item	Qty	Description
1	1	Equipment shelf, St, 1.5 mm
2	2	Mounting bracket with assembly kit, St, 1.5 mm

Order Information

Width mm	Depth mm	RAL 7035 Part no.
430	250	
430	300	**20118-790**
19" assembly kit (screw, washer, nut) (4 x M6 screws x 16, 4 x plastic washers, 4 x cage nuts)		**21190-095**

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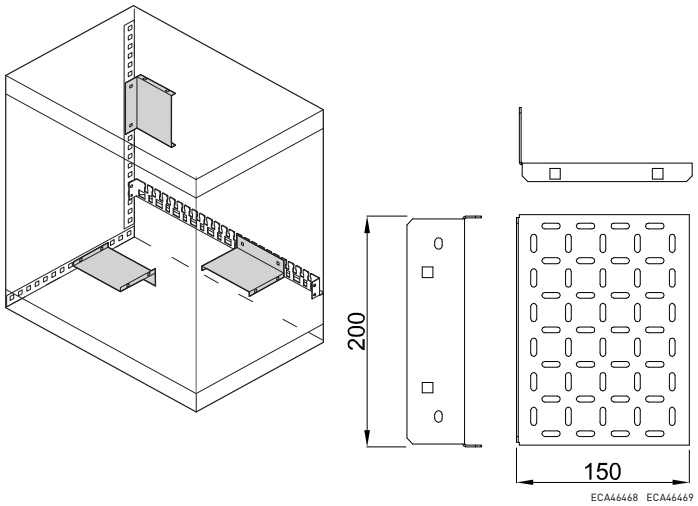
Modem shelf



- For fixing modems and other devices
- Assembly onto the cable support rail or direct onto the case
- Static load-carrying capacity 3 kg

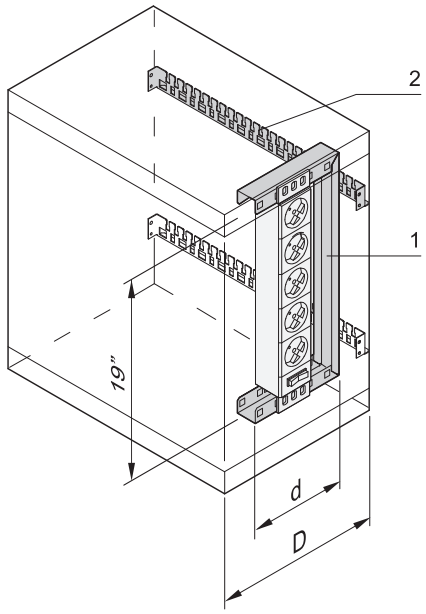
Delivery comprises

Item	Qty	Description
1	1	Modem shelf, St, 1.5 mm, RAL 7035
2	1	Assembly kit

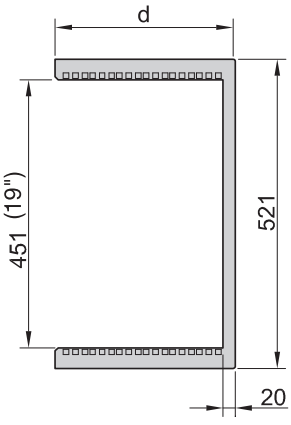
Order Information

Width mm	Depth mm	Part no.
200	150	**21236-122**

Vertical 19" plane



Assembly example with 19" socket strip



- For lateral, vertical assembly of 19" components
- Useable for case heights from 12 U

Delivery comprises (kit)

Item	Qty	Description
1	1	Vertical 19" plane, St, 2 mm, RAL 7035
2	1	Cable support rail, St, RAL 7035
3	1	Assembly kit

Order Information

Height U	d mm	For case depth D mm	Part no.
3	167	300 ... 600	**21236-120**
6	300	400 ... 600	**21236-121**

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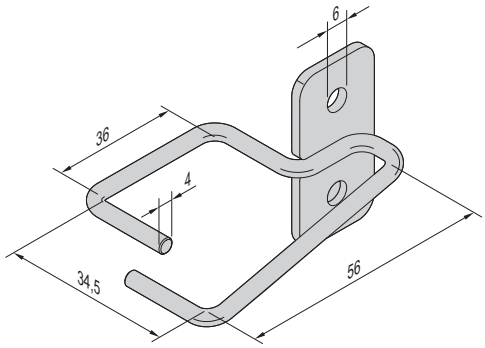
Wall mounted cases – epcase

Cable eye



01505051

- For cable fixing/ducting laterally on the panel slide mounts

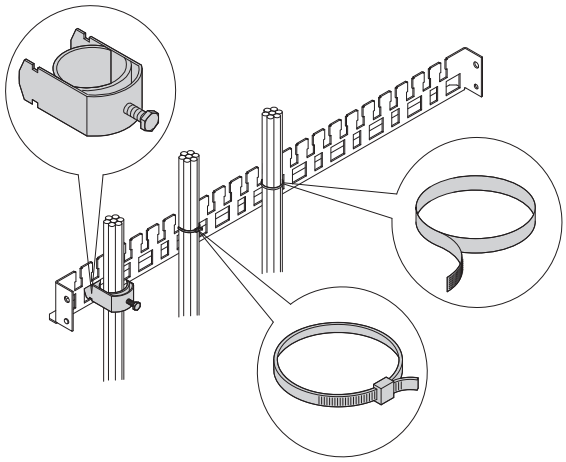
Delivery comprises

Item	Qty	Description
1	4	Cable eye, St, 4 mm, zinc-plated
2	1	Assembly kit

Order Information

Description	Part no.
Cable eye	**21236-102**

Cable support rail



01505052

- For strain relief or cable ducting on rear
- Height-adjustable in 25 mm increments

Delivery comprises

Item	Qty	Description
1	1	Cable support rail, St, 1.5 mm, RAL 7035
2	1	Assembly kit

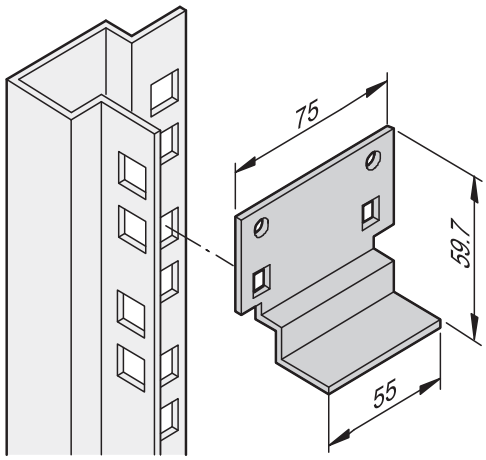
Order Information

Description	Part no.
Cable support rail	**21236-090**
Cable shell for cable bundle 30 ... 34 mm, PU 10 pieces	**20114-728**
Cable tie 92 mm x 2.5 mm, PU 25 pieces	**20118-351**
Velcro strip Polyethylen/Polyamide, black, length 300 mm, PU 10 pieces	**20118-624**

Note

- A cable support rail is already supplied with the 19" wall mounted case

Short slide rail



sc96xxxx

- Support for heavy 19" chassis
- To attach on 19" slide mounts
- Static load-carrying capacity max. 15 kg per pair

Delivery comprises

Item	Qty	Description
1	2 / 10	Short slide rail, St, 1.5 mm, finish AlZn
2	1	Assembly kit

Order Information

Description	Qty/PU	Part no.
Short slide rail	2	**23130-094**
Short slide rail	10	**23130-095**

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10" wall mounted case

- Multi-functional 10" wall case with hinged side panels
- Cable entry possible from above or below;
  the cable entry opening can be sealed with a brush strip
- 10" slide mounts are depth-adjustable in 25 mm increments

Delivery comprises (assembled)

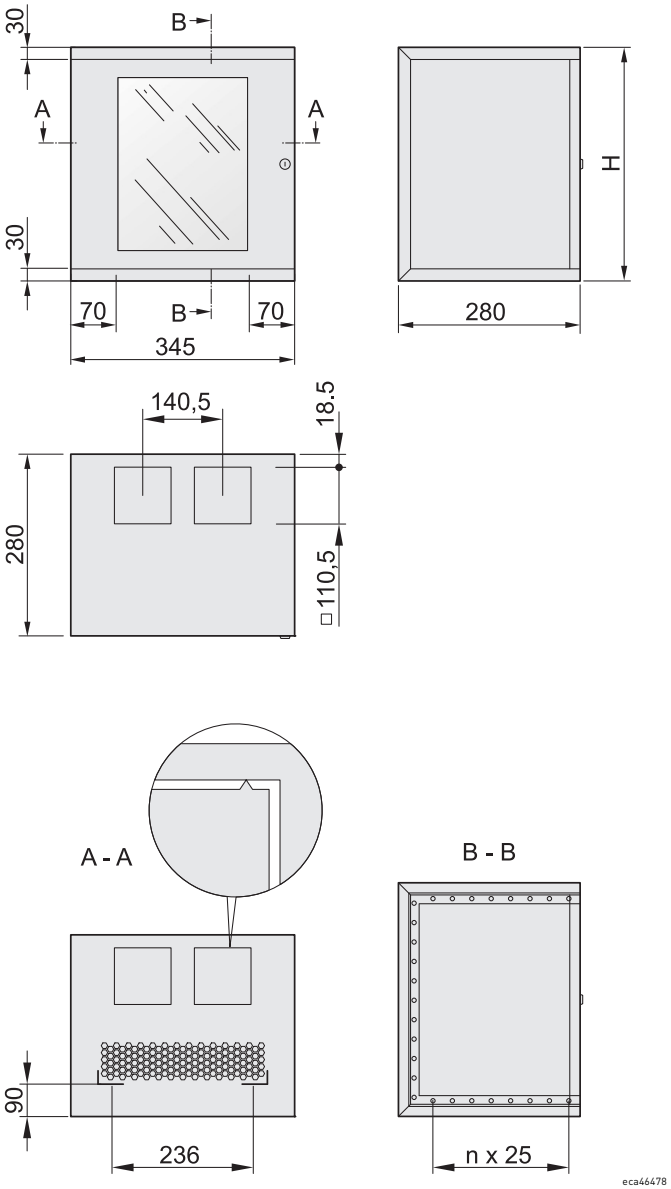
Item	Qty	Description
1	1	Basic case, C-form, St, 2 mm, RAL 7021
2	1	Glazed door with key lock (key no. 2233), frame, St, 1.5 mm, RAL 7035, Sekurit glass, 4 mm
3	2	Side panel, St, 1,5 mm, RAL 7035
4	2	10" panel/slide mounts, St, 1.5 mm, finish AlZn
5	2	Brush strips
6	1	Assembly kit for wall mounting

Order Information

Height U	Height H mm	Width W mm	Depth D mm	Weight kg	Part no.
4	262	345	280	5	**10238-151**
8	462	345	280	10	**10238-152**
12	612	345	280	23	**10238-153**
GND/earthing, PU 1 kit					**21236-097**
Cable tie 92 mm x 2.5 mm, PU 25 pieces					**20118-351**
19" assembly kit (screw, washer, nut) (32 x M6 screws x 16, 32 x plastic washers, 32 x cage nuts)					**21190-435**
Feet, plastic, black, PU 4 pieces					**21236-089**

Note

- Lever handle and DIN profile half cylinder cannot be retrofitted



ServicePLUS see page 2.46

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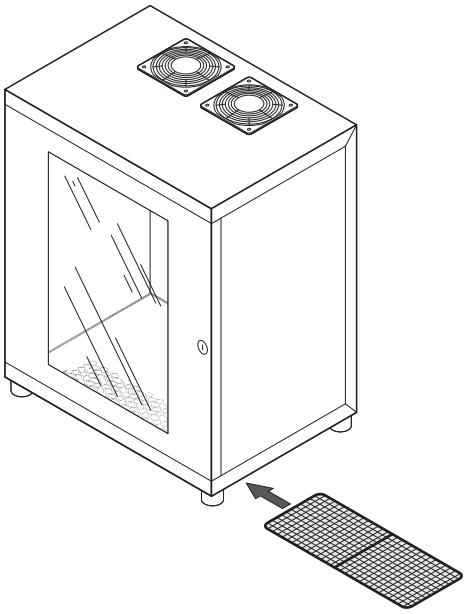
Wall mounted cases – epcase

Air filter for 10" wall mounted case



- Filtering of the inlet air at the case bottom
- Assembly beneath the case, easy filter replacement
- Filter class G3

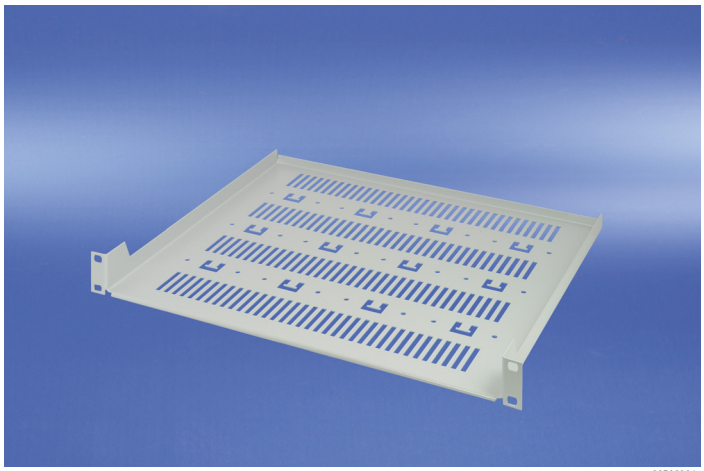
Delivery comprises

Item	Qty	Description
1	2	Support bracket, St, 1 mm, RAL 7021
2	3	Filter mat with round steel frame, filter class G3
3	1	Assembly kit

Order Information

Description	Part no.
Air filter for 10" wall mounted case	21236-095
Replacement filter mat for 10" wall mounted case PU 3 pieces	21236-126

Equipment shelf for 10" wall mounted case



- Static load-carrying capacity 5 kg
- Mounting height 1 U
- Width 10" (254 mm)

Delivery comprises

Item	Qty	Description
1	1	Equipment shelf, St, 1.5 mm, RAL 7035
2	1	Assembly kit

Order Information

Width mm	Depth mm	Part no.
220	150	**20118-716**

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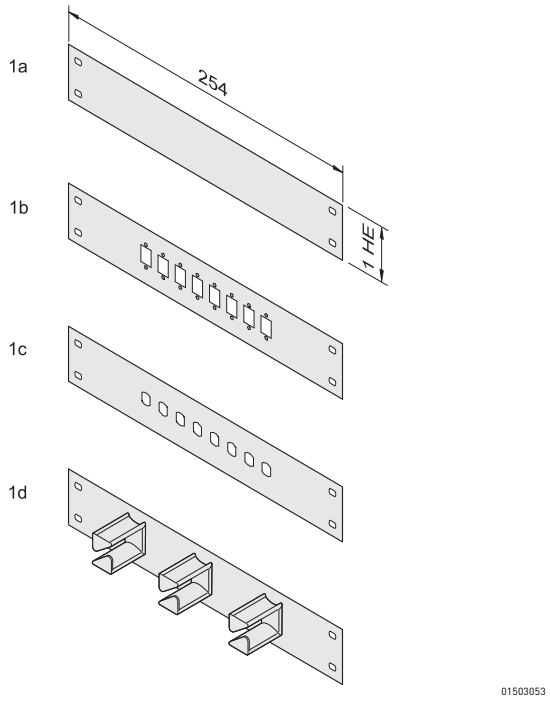
10" front panels



- Height 1 U
- Width 10" (254 mm)

Delivery comprises

Item	Qty	Description
1	1	Front panel, St, 1.5 mm, RAL 7035

Order Information

Item	Description	Qty/PU	Part no.
1a	10" blank front panel, St, 1.5 mm, RAL 7035	1	**20118-717**
1b	10" front panel, 8 ports SC, St, 1.5 mm, RAL 7035	1	**20118-713**
1c	10" front panel, 8 ports ST, St, 1.5 mm, RAL 7035	1	**20118-714**
1d	10" front panel with 3 plastic cable eyes, St, 1.5 mm, RAL 7035	1	**20118-715**
Assembly kit PU = 8 × screw, washer, nut			**21100-435**

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10" socket strip, 1 U

00704001

- Socket strip with four socket inserts
- Bracket for mounting on 10" upright is included

Delivery comprises

Item	Qty	Description
1	1	Socket strip 10", 1 U, 4 socket inserts, 2 m connecting cable with SCHUKO/UTE connector
2	2	Mounting bracket for 10" assembly

Order Information

Description	Part no.
10" socket strip, 4 SCHUKO socket inserts	**60110-201**
Socket strip 10", 4 UTE socket inserts	**60110-220**
Assembly kit PU = 8 × screw, washer, nut	**21100-435**

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Wall-mounted cases ServicePLUS

modification

Custom drillings, cut-outs and special colours for off-the-shelf products

Small changes. Large impact.

- Custom drillings, special colours, cut-outs for off-the-shelf products from
  - 10 pieces with epcase
  - 25 pieces with CONCEPTLINE, INLINE, QLINE, A48, wall mounted LAN enclosures
- Further information: **www.schroff.co.uk/modification**

solution

Integration and custom developments

Simple. Fast. From one source.

- Special sizes, custom solutions, printing from:
  - 10 pieces with epcase
  - 25 pieces with CONCEPTLINE, INLINE, wall mounted LAN enclosures
  - 500 pieces with QLINE, A48
- Integration: components, internal mounting, wiring
- Further information: **www.schroff.co.uk/solution**

ServicePLUS solution - project examples

40508001

Plastic case A48 or QLINE

- Plain or glazed doors
- Individual printing, cut-outs, with PG screw fitting or with complete assembly

40708001

Steel case INLINE

- Terminal case or installation case with support rails or mounting plates with customised depth bolts
- Cut-outs and drillings marked with specified printing; paint-free contact area for installed components

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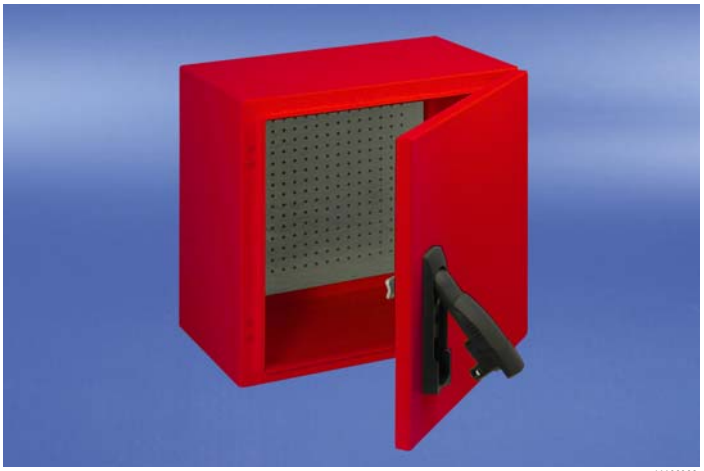
Wall-mounted cases ServicePLUS

ServicePLUS solution - project examples



41108003

CONCEPTLINE in special colour (RAL 3027)

- Steel case with a high type of protection: IP 66
- Mounting plate with hole grid to fix assemblies
- Lever handle with optional DIN cylinder

41108002

CONCEPTLINE control module

- Vehicle data processor in CONCEPTLINE case (IP 66)
- Internal mounting on basis of europacPRO subrack with individually machined front panels

41108001

CONCEPTLINE communication module

- CONCEPTLINE case with heat exchanger (IP 55)
- Internal mounting on basis of europacPRO subrack and backplane for the digital GSM-R communication network

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Appendix – Order notes

Packaging units

A packaging unit (PU) - e.g. carton, bag - contains the stated quantity. If you order the quantity 1, you will automatically receive the quantity defined as PU.

Example: EMC textile gasket
See page 5.22
Part number 21101-853

Quantity (per part number): 10 pieces

Order quantity: . . . . . Delivery quantity:

1 . . . . . 10 pieces
2 . . . . . 20 pieces
3 . . . . . 30 pieces

Standard pack quantity (SPQ)

Please take into consideration that deliveries may be carried out in the stated SPQs (SPQ, e.g. 5 pieces, 10 pieces, 50 pieces, etc.). Differing order quantities (e.g. 2 pieces) may be changed to the next possible delivery quantity = Standard Pack Quantity (in this case 10 pieces).

Example: Front horizontal rail
See page 5.31
Part number 34560-228

Quantity (per part number): 1 piece
Standard pack quantity (SPQ): 10 pieces

Order quantity:. . . . . Delivery quantity:

≤ 10. . . . . 10 pieces
$> 10 \leq 20$ . . . . . 20 pieces
$> 20 \leq 30$ . . . . . 30 pieces

Price list

Our price list is available by e-mail from your customer consultant. Please find all contact details at www.schroff.biz/contact.

Delivery times

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Responsible for contents and print

Schroff GmbH, Marketing Communication,
D-75334 Straubenhardt, Germany

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