

Cabinet accessories – Mechanics

Front Panel Express



Front Panel Fast Track

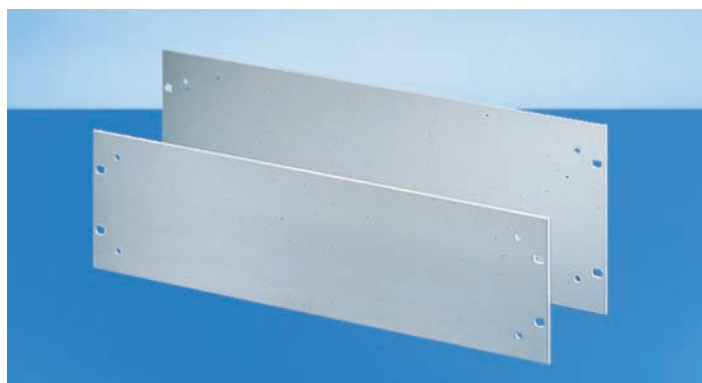
FRONT PANEL EXPRESS

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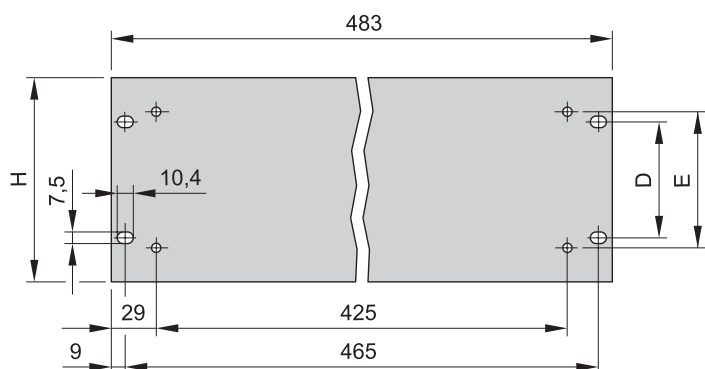
**We make your front panel.
You determine how long it takes us.**

- **Simple:** You configure your front panels direct online. No registration, no program downloads. The price is displayed immediately.
- **Fast:** You specify your front panel in just a few minutes - and we manufacture it from as little as in 2 days.
- **Flexible:** You determine the quantity and manufacturing time - and thus the cost.
- **Individual:** We make the panels to your specification - mechanical processing, painting and printing.
- **Practical:** We make the job easier for you - if you wish we will also fit the accessories.

19" front panels with holes for handles



00592006



BZA42371

- 19" front panels have additional holes for mounting of handles

Delivery comprises

Item	Qty	Description
1	1	19" front panel, Al

Order Information

Height	H	D	E	Front panel, 4 mm, anodised	Front panel, 3 mm, pre-anodised, cut edges plain
U	mm	mm	mm	Part no.	Part no.
1	43.6	31.7	25	40304-050	30219-161
2	88.1	76.2	55	40304-051	30219-162
3	132.5	57.1	88	40304-052	30219-163
4	177.0	101.6	120	40304-053	30219-164
5	221.4	146.0	180	40304-054	30219-165
6	265.9	190.4	180	40304-055	30219-166

Note

- 19" assembly kit, see page 3.15
- Front panel processing to your instructions under www.frontpanelexpress.eu

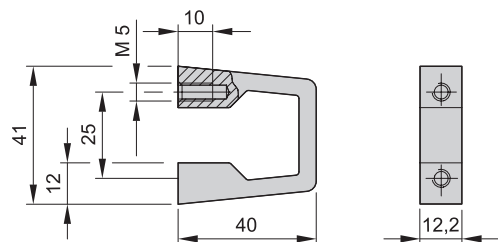


For further information www.schroff.biz/oneclick
OneClick search code = Part no.

Cabinet accessories – Mechanics

Front handle, one-piece, width 12.2 mm

1 U



- Static load-carrying capacity 30 kg

Delivery comprises

Item	Qty	Description
1	1	Front handle, Al extrusion, anodised

Order Information

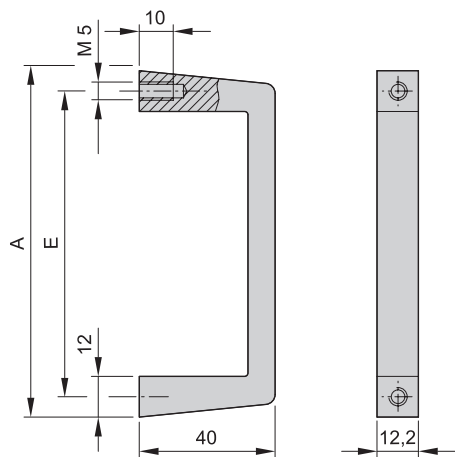
Height	A	E	clear anodised Part no.	Black anodised Part no.
U	mm	mm		
1	41	25	10501-116	–
2	69	55	10501-004	10501-025
3	102	88	10501-005	10501-026
4	132	120	10501-006	10501-027
5	194	180	10501-007	10501-028
6	249	235	10501-008	10501-029
Panhead screw pozidrive self-locking, M5 × 12, zinc-plated, PU 100 pieces			21100-788	

Delivery may be in Standard Pack Quantity (SPQ): Minimum order quantity 10 front handles or a multiple thereof

Note

- Please order panhead screws separately

2 U ... 6 U



BZA42316

BZA42327

Front handle, multi-part, width 12 mm

- Static load-carrying capacity 10 kg
- In three parts: middle section in AL extrusion, end pieces in fibreglass -reinforced plastic

Delivery comprises (kit)

Item	Qty	Description
1	1	Front handle, AL extrusion, anodised
2	2	End piece, PA, black

Order Information

Height	A	E	Part no.
U	mm	mm	
3	102.0	88	10502-057
4	132.5	120	10502-059
5	194.0	180	10502-063
Panhead screw pozidrive self-locking, M5 × 12, zinc-plated, PU 100 pieces			21100-788

Delivery may be in Standard Pack Quantity (SPQ): Minimum order quantity 10 front handles or a multiple thereof

Note

- Please order panhead screws separately



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Cabinet accessories – Mechanics

19" front panels, filler panels

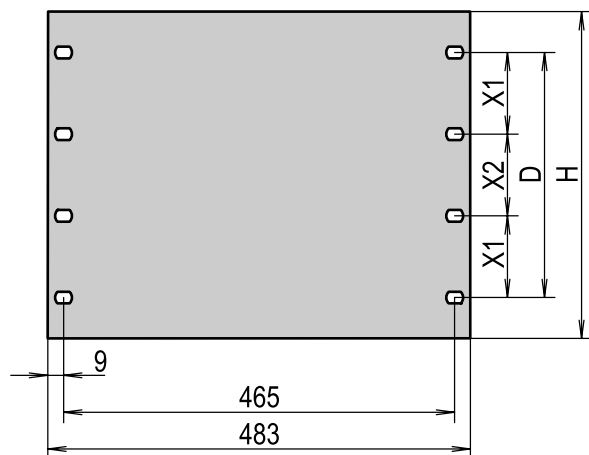


00504002

- Al anodised, colours light grey (RAL 7035) or black grey (RAL 7021)

Delivery comprises

Item	Qty	Description
1	1	19" front panel, Al, 3 mm/4 mm



s2a42889

Order Information

Height	H	D	X1	X2	3 mm thick, RAL 7021 Part no.	3 mm thick, RAL 7035 Part no.	3 mm, Al anodised, cut edges plain Part no.	4 mm, Al anodised Part no.
U	mm	mm	mm	mm				
1	43.6	31.7	–	–	30118-948	30118-299	30219-098	40304-074
2	88.1	76.2	–	–	30118-949	30118-301	30219-101	40304-075
3	132.5	57.1	–	–	30118-950	30118-302	30219-104	40304-076
4	177.0	101.6	–	–	30118-951	30118-303	30219-107	40304-077
5	221.4	146.0	–	–	30118-952	30118-304	30219-110	40304-078
6	265.9	190.4	–	–	30118-953	30118-305	30219-113	40304-079
7	310.3	234.9	88.9	57.1	30118-954	30118-306	30219-137	40304-080
8	354.8	279.4	101.6	76.2	30118-955	30118-307	30219-138	40304-081
9	399.2	323.8	101.6	120.6	30118-956	30118-308	30219-143	40304-082
10	443.7	368.3	101.6	165.1	30118-957	30118-309	30219-144	40304-083
Supplied loose with cabinet or frame								Part no./35

Note

- 19" assembly kit see page 3.15
- Front panel processing to your instructions under www.frontpanelexpress.eu



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Cabinet accessories – Mechanics

19" vented front panel



00504005

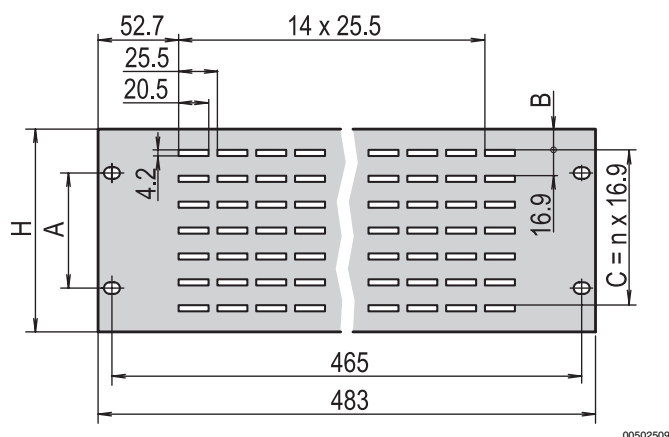
- Al anodised, Al untreated, light grey (RAL 7035) or black grey (RAL 7021)

Delivery comprises

Item	Qty	Description
1	1	19" vented front panel, Al, 2.5 mm

Note

- 19" assembly kit see page 3.15



00502509

Order Information

Height U	H mm	A mm	B mm	C mm	RAL 7021 Part no.	RAL 7035 Part no.	Al anodised Part no.	Al untreated Part no.
1	43.6	31.7	11.2	16.9	30118-962	30702-056	30702-047	30702-044
2	88.1	76.2	16.6	50.7	30118-963	30702-057	30702-048	30702-045
3	132.5	57.1	13.5	101.4	30118-964	30702-058	30702-049	30702-046
Supplied loose with cabinet or frame								Part no./35

19" vented front grille, 2 U



02892009

Delivery comprises (kit)

Item	Qty	Description
1	1	Front grille, plastic, black
2	1	Filter
3	1	Retention bracket, St, 1 mm, aluminium-sprayed

Order Information

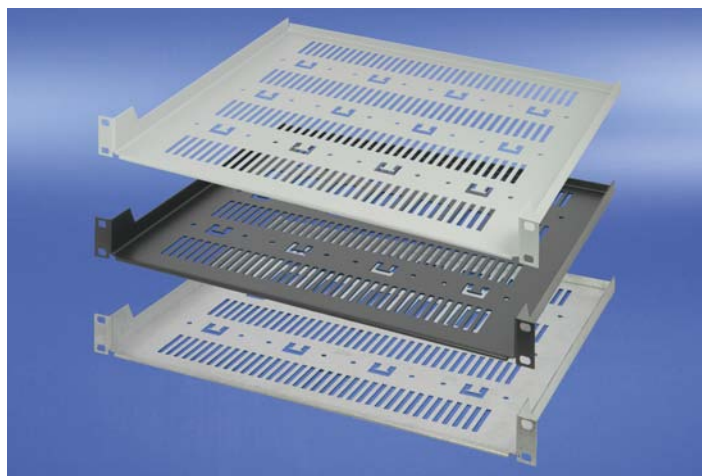
Description	Part no.
19" vented front grille, 2 U	60715-049
Replacement filter for 19" vented front grille 2 U, PU 3 pieces	60715-050
Supplied loose with cabinet or frame	Part no./35

Note

- 19" assembly kit see page 3.15

Cabinet accessories – Mechanics

19" equipment shelf, 1 U



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

NEW

Delivery comprises

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

Order Information

Width mm	Depth mm	AlZn Part no.	RAL 7021 Part no.	RAL 7035 Part no.
447	390	20118-781	20118-782	20118-783
Supplied loose with cabinet or frame				Part no./35

- 19" assembly kit, see page 3.15

19" equipment shelf, 2 U



- Static load-carrying capacity 10 kg
- Overall mounting height 2 U

NEW

Delivery comprises

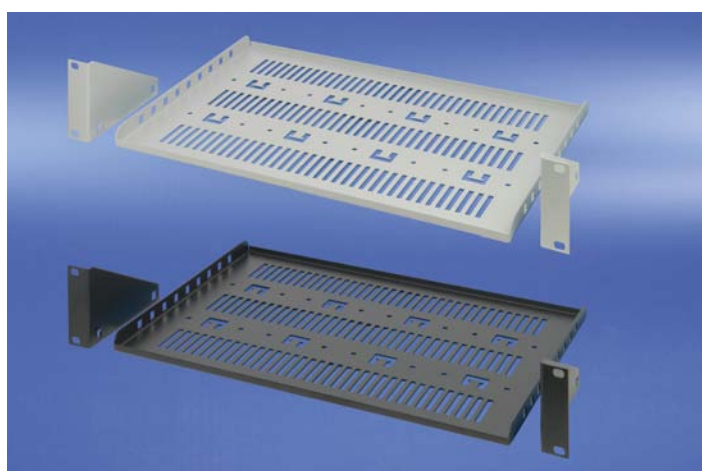
Item	Qty	Description
1	1	Equipment shelf, St, 1.5 mm

Order Information

Width mm	Depth mm	RAL 7021 Part no.	RAL 7035 Part no.
447	238	20118-784	20118-785
Supplied loose with cabinet or frame			Part no./35

- 19" assembly kit, see page 3.15

19" equipment shelf, depth-adjustable, 2 U



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

NEW

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 7021 Part no.	RAL 7035 Part no.
430	250	20118-786	20118-789
430	300	20118-787	20118-790
430	400	20118-788	20118-791
Supplied loose with cabinet or frame			Part no./35

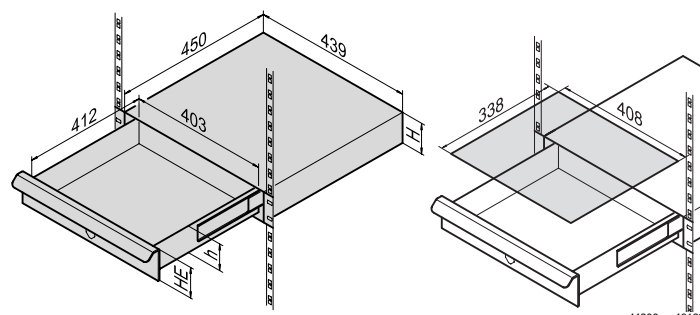
- 19" assembly kit, see page 3.15

Cabinet accessories – Mechanics

19" drawer



00506009



19" drawer

writing surface

- Height 1, 2 or 3 U
- Static load-carrying capacity 15 kg
- Optional writing surface

Delivery comprises (assembled)

Item	Qty	Description
1	1	19" drawer with lock (2 keys)
1	2	Assembly kit

Order Information

Height H	Height h	Front panel anodised	Front panel RAL 7021	Front panel RAL 7035
U	mm	mm	Part no.	Part no.
1	41.6	30	20110-061	20110-180
2	86.0	73	20110-062	20110-181
3	130.5	117	20110-063	20110-182
19" writing surface for 19" drawer St, 1 mm, RAL 7035, 1 piece				20110-060
Supplied loose with cabinet or frame				Part no./35

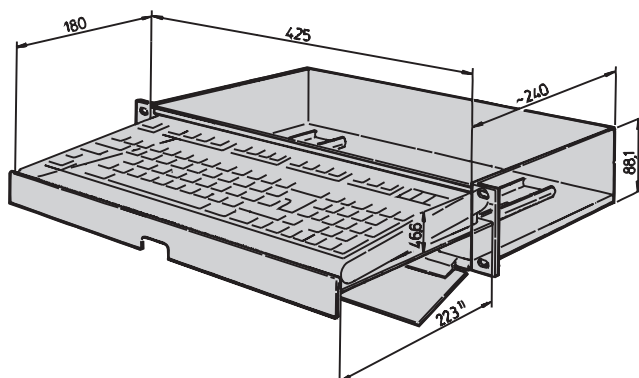


For further information www.schroff.biz/oneclick
oneClick search code = Part no.

19" keyboard drawer, 2 U



005002



A41263

- For keyboards up to 425 mm wide, 210 mm deep, 45 mm high
- IP 40 when closed

Delivery comprises

Item	Qty	Description
1	1	Keyboard drawer with hinged front panel, Al, anodised (incl. locking)
2	2	Telescopic slide, St, zinc-plated
3	1	Keyboard support, St, 2.5 mm, RAL 7030
4	2	Front horizontal rail, Al extrusion, anodised

Order Information

Description	Part no.
19" keyboard drawer, 2 U	10822-009
Lock for 19" keyboard drawer 1 × lock incl. 2 keys	60126-118
Supplied loose with cabinet or frame	Part no./35

Note

- Without keyboard
- 19" assembly kit, see page 3.15



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Cabinet accessories – Mechanics

19" distribution field, Cat 5 / 6



Distribution field Cat 6

01604002

- 1 U distribution field with 24 x RJ45 ports
- For use in communications networks, conforms to ISO/IEC 11801 (as at 03/95)
- Meets the specifications for EN 50 173 (as at 07/95)
- Easy to fit thanks to dual insulation displacement technique (DSA+/110)
- Case can be opened and closed without tools, with quick-release fastener

Delivery comprises (assembled)

Item	Qty	Description
1	1	19" case, shielded, St, RAL 7035, 1 U, with earthing stud
2	3	Backplanes with 8 x dual insulation displacement technique for AWG 22-24 cables and 8 x RJ45 sockets
3	24	Cable ties



Application tool

01602001

Order Information

Description	Part no.
Cat 5/E	60118-436
Cat 6	60118-435
Application tool 1 piece	60118-379
Supplied loose with cabinet or frame	Part no./35

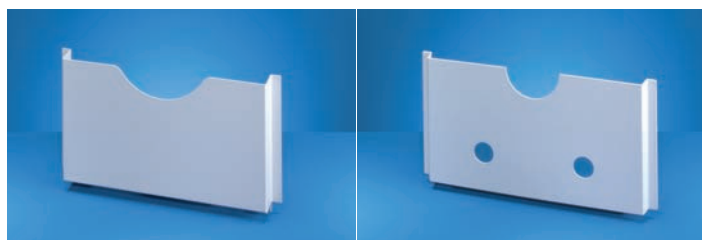
Note

- 19" assembly kit see page 3.15



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Document pocket



Steel, DIN A4

Plastic, DIN A4

0050600400506005

- For storage of documents and circuit diagrams
- Assembly with double sided adhesive tape

Delivery comprises

Item	Qty	Description
1	1	Document pocket
2	1	Adhesive tape

Order Information

Description	Dimensions H x W x D mm	Part no.
St, DIN A4, RAL 7035	180 x 336 x 34	21126-271
Plastic, DIN A4, grey	195 x 356 x 21	60100-302
Plastic, A3, grey	305 x 305 x 25	ADP2
Supplied loose with cabinet or frame		Part no./35



Plastic A3

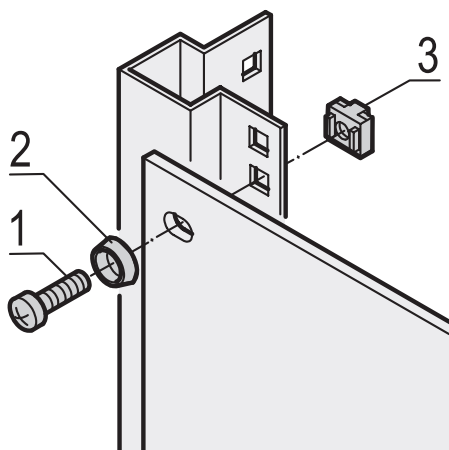
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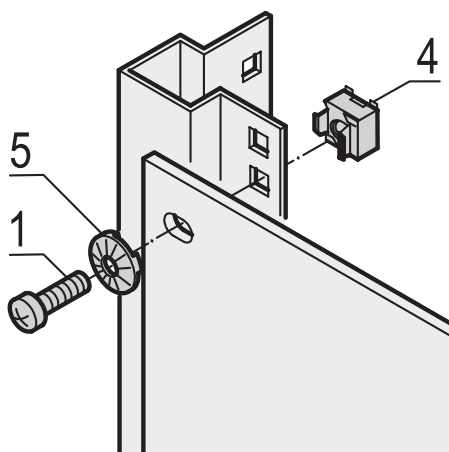
For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Cabinet accessories – Mechanics

19" assembly kit M6



Without GND/earthing



With GND/earthing

- For mounting of front panels, distribution fields or other components on the frame, slide mounts or depth members with square cut-outs
- For standard GND/earthing use a GND/earthing nut and a nomel washer on at least one attachment point

Delivery comprises

Item	Description
1	Panhead screw M6 x 16, St, zinc-plated
2	Plastic washer, black
3	Square nut M6, St, zinc-plated
4	GND/earthing nut M6, St, zinc-plated
5	Nomel washer, St, zinc-plated, internal diameter 6.1 mm, external diameter 12.2 mm

Order Information

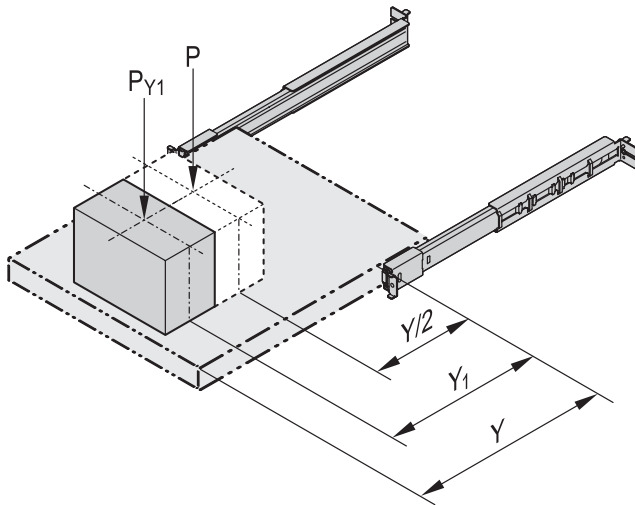
Item	Description	Qty/PU	Part no.
1+2+3	19" assembly kit (screw, washer, nut)	1	21190-095
1+2+3	19" assembly kit (screw, washer, nut)	32	21190-435
1+2+3	19" assembly kit (screw, washer, nut)	50	21101-809
1+2+3	19" assembly kit (screw, washer, nut)	100	21101-810
1	Panhead screw M6, zinc-plated	50	21100-021
1	Panhead screw M6, zinc-plated	100	21100-022
1	Panhead screw M6, zinc-plated, black	100	21100-650
2	Plastic washer	50	21100-015
2	Plastic washer	100	21100-016
3	Cage nut M6	50	21100-003
3	Cage nut M6	100	21100-004
4	GND/earthing cage nut M6	10	21120-131
4	GND/earthing cage nut M6	100	21120-132
5	Nomel washer for GND/earthing, M6	100	21101-173
Supplied loose with cabinet or frame			Part no./35



For further information www.schroff.biz/oneclick
oneClick search code = Part no.

Cabinet accessories – Telescopic slides

Dimensioning of telescopic slides



053

Calculation of the load-carrying capacity

The stated load-carrying capacity P is valid provided that the load centre is in the centre of the extraction (Y/2).

For other positions of the load centre (Y₁) please use the following formula:

Load-carrying capacity $P(Y_1) = \frac{1}{2} P Y / Y_1$ (but max. P)

Example:

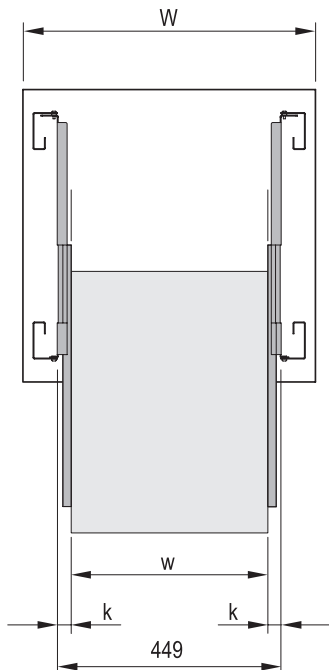
Load-carrying capacity P = 45 kg,

Extension length Y = 250 mm

Position of centre Y₁ = 150 mm

Result:

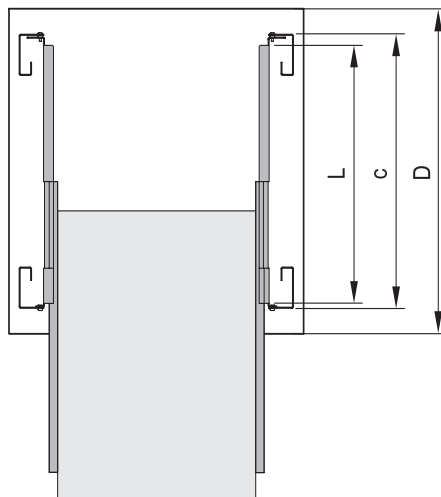
$P(Y_1) = \frac{1}{2} P Y / Y_1 = \frac{1}{2} \times 45 \text{ kg} \times 250 / 150 = 37.5 \text{ kg}$



00505060

Calculation of the maximal installation width (w)

For each telescopic slide the maximum installation width (w) for one shelf or drawer is given. This is the maximum clearance available between the telescopic slides when they are fitted in a 19" cabinet.



00505061

Mounting on 19" panel/slide mounts

In 19" cabinets telescopic slides are assembled at the front and rear 19" slide mounts.

Therefore the length (L) has to be matched with the distance between the 19" brackets (in depth). Therefore the suitable 19" pitch (c) for the cabinet is mentioned.

Cabinet accessories – Telescopic slides

Universal 2 U telescopic slide



- Load-carrying capacity 46 - 61 kg per pair
- Lateral assembly on the 19" uprights (19" plane remains free for assembly of shelf/extraction drawer)
- Locks at full extension
- Extension length > 100 %
- Rail width $k = 16$ mm,
max. installation width of shelf/extraction drawer $w = 417$ mm

Delivery comprises

Item	Qty	Description
1	2	Telescopic slide, St, zinc-plated

Order Information

Length L	Extension length Y	Load-carrying capacity P	Part no.
mm	mm	kg	
305	330	61	20110-100
356	381	60	20110-101
406	432	58	20110-102
457	483	57	20110-103
508	533	55	20110-104
559	584	52	20110-105
610	635	50	20110-106
660	686	48	20110-107
711	737	46	20110-108

Assembly kit For VARISTAR, for assembly of 2 telescopic slides, PU 1 kit **21120-158**

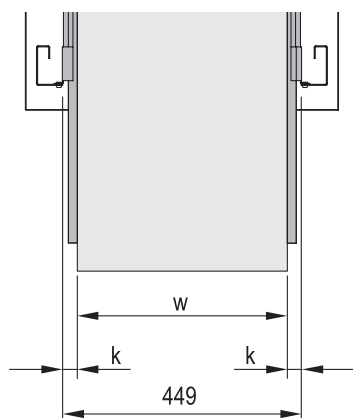
Assembly kit For eurorack, for assembly of 2 telescopic slides, PU 1 kit **21120-159**

Assembly kit For minirack, for assembly of 2 telescopic slides, PU 1 kit **21120-160**

Supplied loose with cabinet or frame **Part no./35**

Note

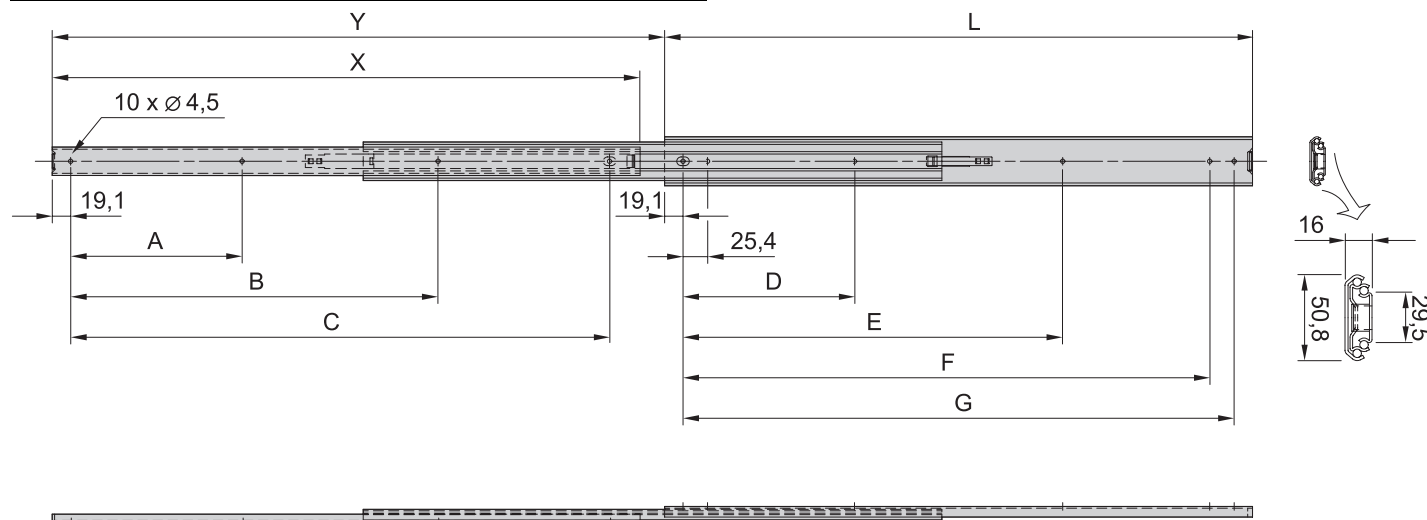
- Please order assembly kit for assembly on the 19" plane separately



k = rail width, w = max. installation width

Dimensions table

Length L	Internal part				External part			
	A	B	C	X	D	E	F	G
305	76.2	177.8	254.0	305.0	76.2	190.5	241.3	266.7
356	101.6	203.2	304.8	356.0	88.9	215.9	292.1	317.5
406	127.0	228.6	355.6	406.0	127.0	241.3	342.9	368.3
457	127.0	279.4	406.4	457.0	127.0	292.1	393.7	419.1
508	152.4	304.8	457.2	508.0	152.4	317.5	444.5	469.9
559	177.8	330.2	508.0	559.0	177.8	342.9	495.3	520.7
610	177.8	381.0	558.8	610.0	177.8	393.7	546.1	571.5
660	203.2	406.4	609.6	660.0	203.2	419.1	596.9	622.3
711	228.6	431.8	660.4	711.0	228.6	444.5	647.7	673.1



Cabinet accessories – Socket strips

SCHUKO socket strip



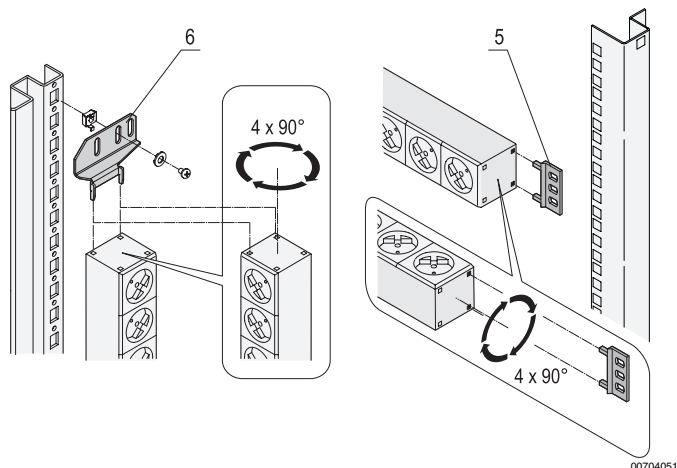
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- Socket strips with SCHUKO inserts, either with switch or functional elements
- Mounting height 1 U
- Connecting cable, 2 m, with SCHUKO/UTE connector
- For installation, socket strips can be rotated in all directions (in 90° increments)
- Horizontal and vertical assembly possible
- 230 V, 16 A
- In accordance with DIN 41494, DIN 57620, VDE 0620



Delivery comprises (assembled)

Item	Qty	Description
1	1	Al extrusion, 1 U, anodised, for socket inserts and functional elements
2		SCHUKO socket inserts (35° rotated, PA, RAL 7035), illuminated switch and functional elements, type and number, see Order information
3	2	End piece, PA, RAL 7035
4	1	Connecting cable, black, 2 m, 05VV-F 3G 1.5 mm ² , with SCHUKO/UTE connector, PVC, encapsulated
5	2	Mounting angle, PA, RAL 7035 (only with 10", 19" version)



Item 6 bracket for vertical mounting



ServicePLUS see page 3.65

Order Information

Description	Socket inserts	Length Inch	Length mm	Depth mm	Switch	Functional element	Part no.
SCHUKO	3	–	184	44	–	–	60110-200
	4	10"	210	44	–	–	60110-201
	9	19"	438.5	44	–	–	60110-202
	12	–	947.5	44	–	–	60110-203
	15	–	1202	44	–	–	60110-204
	19	–	1753	44	–	–	60110-205
SCHUKO - with switch	8	19"	438.5	44	X	–	60110-206
	12	–	947.5	44	X	–	60110-207
	15	–	1202	44	X	–	60110-208
	19	–	1753	44	X	–	60110-209
SCHUKO with functional elements	6	19"	438.5	88	–	Fault current protection	60110-216
	6	19"	438.5	75	–	Overcurrent protection	60110-212
	6	19"	438.5	88	–	Fault current protection, overcurrent protection	60110-217
	7	19"	438.5	44	–	Mains suppression filter	60110-214
	8	19"	438.5	44	–	Transient protection	60110-210
	6	19"	438.5	44	–	Transient protection, mains suppression filter	60110-266
	9	–	947.5	44	–	Transient protection	60110-211
Item 6 Mounting angle for vertical mounting of socket strips, St, 2 mm, PU 2 pieces							20110-068
Delivery: mounted in cabinet or fixed on frame							Part no./05
Supplied loose with cabinet or frame							Part no./35

Note

- Please order mounting bracket for vertical assembly separately
- Individual online configuration
www.schroff.biz/conf