

Cabinets 1

Wall mounted cases 2

Accessories for cabinets and wall mounted cases . 3

Climate control . 4

Electronics cases 5

Subracks/ 19" chassis 6

Front panels, plug-in units ... 7

Systems 8

Power supply units 9

Backplanes ... 10

Connectors, front panel component system 11

Appendix 12



06005001

Standards/certifications

- Exterior dimensions in accordance with: IEC 60297-3-100, 101, 105
- Ingress protection IP 20 in accordance with IEC 60529
- EMC testing in accordance with VG 95373 part 15 or IEC 61587



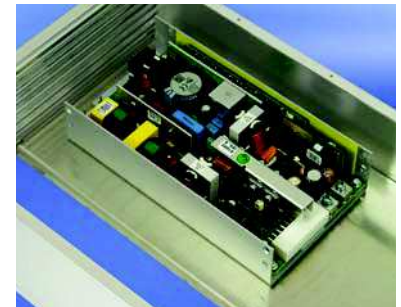
06008009

Handles can be bolted on from front



06008010

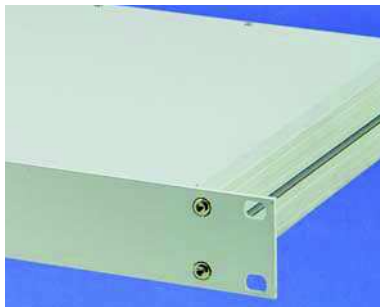
High stability with aluminium profile side panel



06008011

Mounting plate for fitting heavy components

Top cover and base plate in 3 versions



06008003

Plain



06008005

Perforated



06008004

For standardised board mounting

19" chassis - *multipacPRO*

Overview 6.112

The ideal solution for electronic devices in the most compact dimensions

- Aluminium or steel (AlZn coated) designs
- For standardised 19" board mounting or for installation of non-standardised components
- EMC shielding upgradable
- Mounting service and customized machining with ServicePLUS



06008005

19" complete chassis

- 2 materials
 - Steel plate (AlZn coated)
 - Aluminium
- 3 top cover versions
 - Top cover/base plate, solid
 - Top cover/base plate, perforated (aluminium version)
 - Top cover/base plate for standardised PCBs (aluminium version)

19" complete chassis (St) 6.114

19" complete chassis (Al) 6.115



06008001

19" chassis, individually configured from separate parts

- For non-standardised assemblies with mounting plate
- For standardised board assembly
- Customised solutions

19" chassis for non-standardised assembly 6.120

19" chassis for standardised assembly 6.122

Accessories

Guide rails 6.124

Telescopic slides
1 U 6.125Telescopic slides
2 U 6.126

30407004

ServicePLUS from page 6.118

- e.g. individual configuration and assembly
- e.g. modification (cut-outs)
- e.g. downloads (CAD drawings, user manuals, test reports)
- e.g. custom solutions (special sizes)

ServicePLUS... 6.118

Application examples 6.127

www.schroff.biz/ServicePLUS

**FRONT PANEL
EXPRESS**

19" chassis - *multipacPRO*

19" complete chassis from steel with plain top cover and base plate



06002003

- Complete chassis, St (AlZn coated) with Al extrusion front panel
- Detachable rear panel for easy machining
- EMC shielding of approx. 30 dB(A) at 1 GHz (without additional shielding material)
- In accordance with standard IEC 60297-3-101
- In the 1 U version 19" and ATX power supplies can be assembled up to a clearance of 40 mm

Delivery comprises (Kit)

Item	Qty	Description
1	1	Front panel, Al extrusion, 3 mm; in 1 U: front anodised, rear etched; from 2 U: front and rear side of front panels clear passivated
2	1	Base body, plain, St, 1 mm, (AlZn coated)
3	1	Rear panel, St, 1 mm (AlZn coated)
4	1	Cover, plain, St, 1 mm (AlZn coated)
5	1	Assembly kit

Order Information

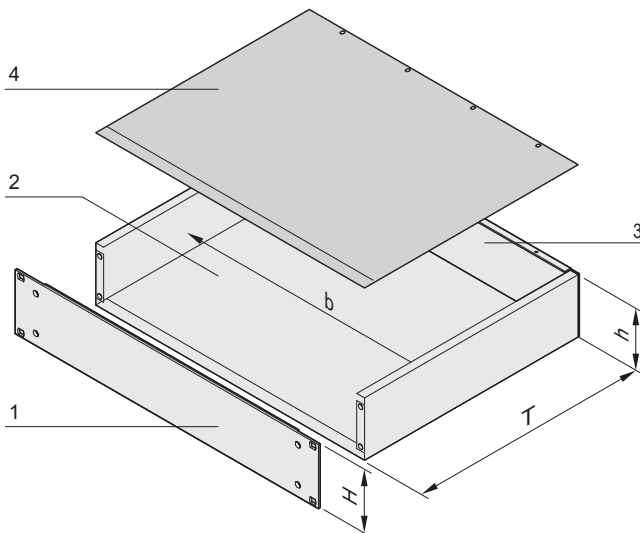
Height U	Height H mm	Depth T mm	Part no.
1	43.7	220	20860-120
1	43.7	280	20860-121
1	43.7	340	20860-122
2	88.1	280	20860-126
2	88.1	340	20860-127

Accessories

Front handles incl. assembly kit for 1 U, Al extrusion, anodised, PU 2 pieces	20860-256
Front handles incl. assembly kit for 2 U, Al extrusion, anodised, PU 2 pieces	20860-257
EMC sealing to close the gap at the front between case and front panel, 2 saw tooth gaskets, stainless steel, PU 1 piece	20860-132

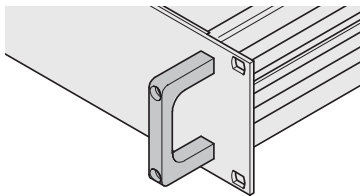
Note

- Further versions with steel front panel (pizza box) available on request
- Telescopic slides cannot be used
- No special EMC version available
- Standardised internal mounting kits cannot be used



06002051

h = clear height (overall) (H - 3.0 mm)
b = clear installation width = 447 mm



06002052

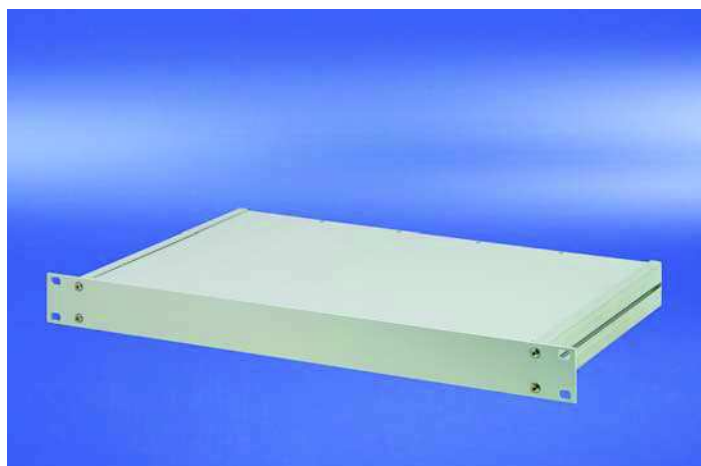
Front handle

ServicePLUS see page 6.118



19" chassis - *multipacPRO*

19" complete chassis from aluminium with plain top cover and base plate

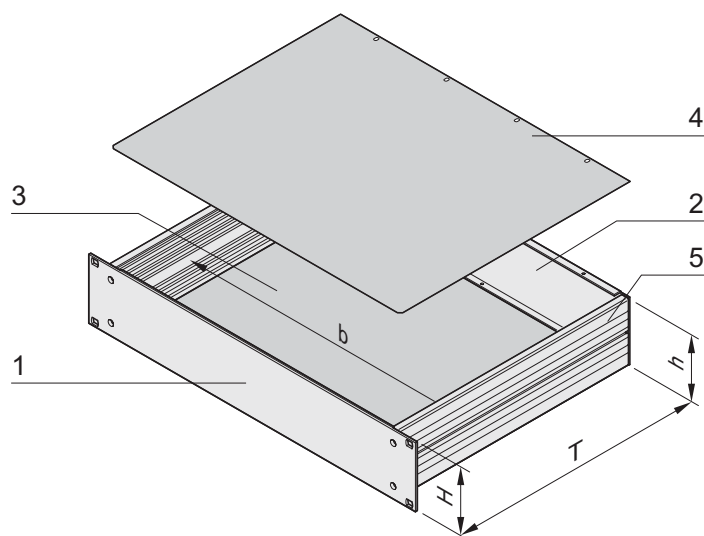


06009003

- Complete chassis from aluminium
- Detachable rear panel for easy machining
- EMC shielding of approx. 30 dB(A) at 1 GHz (without additional shielding material)
- In accordance with standard IEC 60297-3-100, -101, -105
- In the 1 U version 19" and ATX power supplies can be assembled up to a clearance of 35 mm

Delivery comprises (Kit)

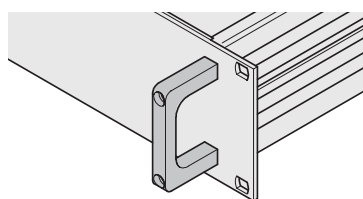
Item	Qty	Description
1	1	Front panel, Al extrusion, 3 mm; in 1 U: front anodised, rear etched; from 2 U: front and rear side of front panels clear passivated
2	1	Rear panel, Al, 2 mm, etched
3	1	Base plate, plain, Al, 1 mm
4	1	Cover plate, plain, Al, 1 mm
5	2	Side panel, Al extrusion, raw; with grooves for threaded insert (2 × 7); 5 U, two-piece, 3+2 U
6	1	Assembly kit



06008052

h = clear height (overall) ($H - 8.1$ mm)
width = 403 mm

b = clear installation



06002052

Front handle



ServicePLUS see page 6.118

Order Information

Height U	Height H mm	Depth T mm	Part no. Kit
1	43.7	220	20860-601
1	43.7	280	20860-602
2	88.1	280	20860-605
2	88.1	340	20860-606
3	132.6	280	20860-607
3	132.6	340	20860-608
3	132.6	400	20860-609
4	177.0	340	20860-612
4	177.0	400	20860-613
4	177.0	460	20860-614
5	221.5	460	20860-615

EMC gasketing kit Silicone/nickel gasket 2100 mm for contacting side panel/cover plate; seal, stainless steel, for front panel/cover plate, 1 kit **20860-130**

Front handles incl. assembly kit for 1 U, Al extrusion, anodised, PU 2 pieces **20860-256**

Front handles incl. assembly kit for 2 U, Al extrusion, anodised, PU 2 pieces **20860-257**

Front handles incl. assembly kit for 3 U, Al extrusion, anodised, PU 2 pieces **20860-258**

Front handles incl. assembly kit for 4 U, Al extrusion, anodised, PU 2 pieces **20860-259**

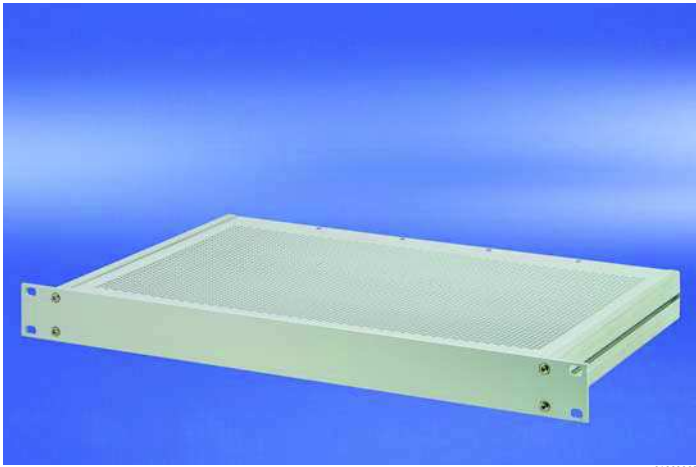
Front handles incl. assembly kit for 5 U, Al extrusion, anodised, PU 2 pieces **20860-260**

Note

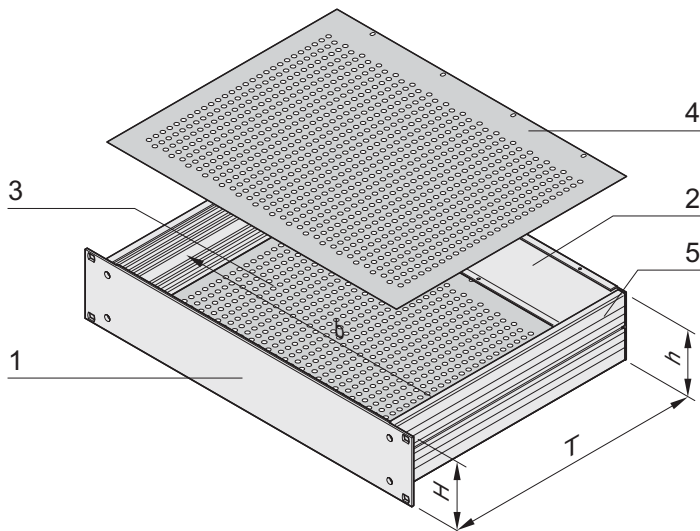
- Threaded inserts to push into the side panel see page 6.121
- Telescopic slides to mount into cabinet see page 6.125

19" chassis - *multipacPRO*

19" complete chassis from aluminium with perforated top cover and base plate



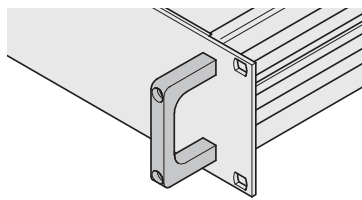
06008005



06008051

h = clear height (overall) (H - 8.1 mm)
width = 403 mm

b = clear installation



06002052

Front handle



ServicePLUS see page 6.118

- Complete chassis from aluminium
- Detachable rear panel for easy machining
- In the 1 U version 19" and ATX power supplies can be assembled up to a clearance of 35 mm
- EMC shielding of approx. 30 dB(A) at 1 GHz (without additional shielding material)
- In accordance with standard IEC 60297-3-100, -101, -105

Delivery comprises (kit)

Item	Qty	Description
1	1	Front panel, Al extrusion, 3 mm; in 1 U: front anodised, rear etched; from 2 U: front and rear side of front panels clear passivated
2	1	Rear panel, Al, 2 mm, etched
3	1	Base plate, perforated, Al, 1 mm
4	1	Cover plate, perforated, Al, 1 mm
5	2	Side panel, Al extrusion, raw; with grooves for threaded insert (2 x 7); 5 U, two-piece, 3+2 U
6	1	Assembly kit

Order Information

Height U	Height H mm	Depth T mm	Part no.
1	43.7	220	20860-621
1	43.7	280	20860-622
2	88.1	280	20860-625
2	88.1	340	20860-626
3	132.6	280	20860-627
3	132.6	340	20860-628
3	132.6	400	20860-629
4	177.0	340	20860-632
4	177.0	400	20860-633
4	177.0	460	20860-634
5	221.5	460	20860-635

EMC gasketing kit Silicone/nickel gasket 2100 mm for contacting side panel/cover plate; seal, stainless steel, for front panel/cover plate, 1 kit **20860-130**

Front handles incl. assembly kit for 1 U, Al extrusion, anodised, PU 2 pieces **20860-256**

Front handles incl. assembly kit for 2 U, Al extrusion, anodised, PU 2 pieces **20860-257**

Front handles incl. assembly kit for 3 U, Al extrusion, anodised, PU 2 pieces **20860-258**

Front handles incl. assembly kit for 4 U, Al extrusion, anodised, PU 2 pieces **20860-259**

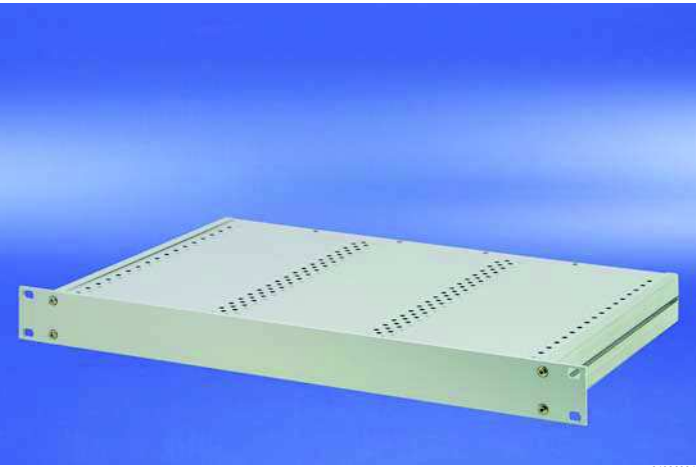
Front handles incl. assembly kit for 5 U, Al extrusion, anodised, PU 2 pieces **20860-260**

Note

- Threaded inserts to push into the side panel see page 6.121
- Telescopic slides to mount into cabinet see page 6.125

19" chassis - *multipacPRO*

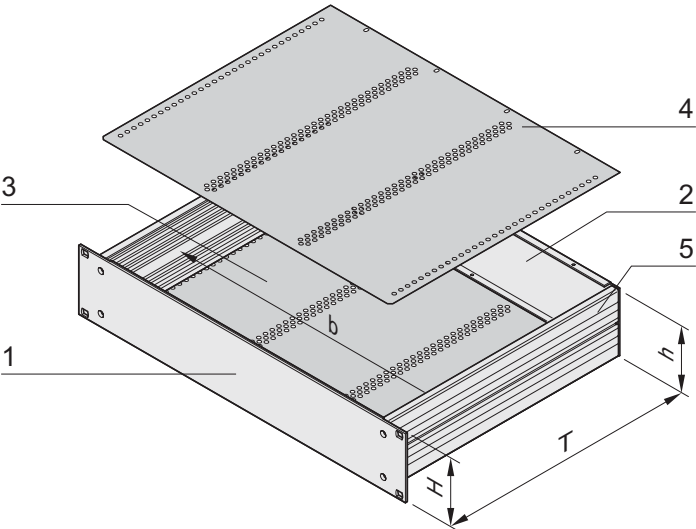
19" complete chassis from aluminium, for assembly of euroboards



- Complete chassis from aluminium
- Detachable rear panel for easy machining
- EMC shielding of approx. 30 dB(A) at 1 GHz (without additional shielding material)
- In accordance with standard IEC 60297-3-100, -101, -105
- In the 1 U version 19" and ATX power supplies can be assembled up to a clearance of 35 mm

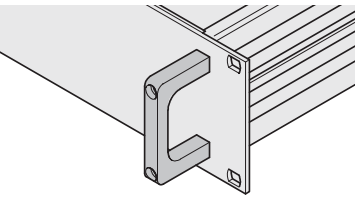
Delivery comprises (Kit)

Item	Qty	Description
1	1	Front panel Al extrusion, 3 mm; in 1 U: front anodised, rear etched; from 2 U: front and rear side of front panels clear passivated
2	1	Rear panel, Al, 2 mm, etched
3	1	Base plate, Al, 1 mm; with drilled holes for horizontal mounting of euroboards
4	1	Cover plate, Al, 1 mm; with drilled holes for horizontal mounting of euroboards
5	2	Side panel, Al extrusion, raw; with grooves for threaded insert (2 x 7)
6	1	Assembly kit



h = clear height (overall) (H - 8.1 mm)
width = 403 mm

b = clear installation



Front handle



ServicePLUS see page 6.118

Order Information

Height U	Height H mm	Depth T mm	Part no.
1	43.7	220	20860-641
1	43.7	280	20860-642
2	88.1	280	20860-645
EMC gasketing kit PU 1 kit			20860-130
Front handles for 1 U PU 2 pieces			20860-256
Front handles for 2 U PU 2 pieces			20860-257
Euroboard mounting kit for EN 60603 connector for 1 U PU 1 kit			20860-115
Euroboard mounting kit for EN 60603 connector for 2 U PU 1 kit			20860-117
Euroboard mounting kit for insulated backplane mounting for 1 U PU 1 kit			20860-116
Euroboard mounting kit for insulated backplane mounting for 2 U PU 1 kit			20860-118

Note

- Threaded inserts to push into the side panel see page 6.121
- Guide rails see page 6.124
- Telescopic slides to mount into cabinet see page 6.125

19" chassis - *multipacPRO*ServicePLUS



configuration

Simple. Fast. For the product you want.

Components can be varied and combined freely

- Configuration tables from page 6.119
- Online configuration: www.schroff.co.uk/configuration



assembly

Assembled by professionals. Double benefit!

Fitting of all mechanical, electrical and electronic components by our specialists

- Professional and reliable from quantity 1
- Ready for despatch within 5 working days



modification

Small changes. Large impact.

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

- Custom modifications from quantity 1
- Ready for despatch within 10 working days

**FRONTPLATTEN
EXPRESS**



solution

Simple. Fast. From one source.

Integration and custom developments

- Special sizes (depth and width)
- Individual heat dissipation concepts
- Ready for dispatch within 10 working days



express

When fast has to be faster.

Delivery time to customer's request

- Express logistics



academy

Knowledge. Sharing. Partnerships.

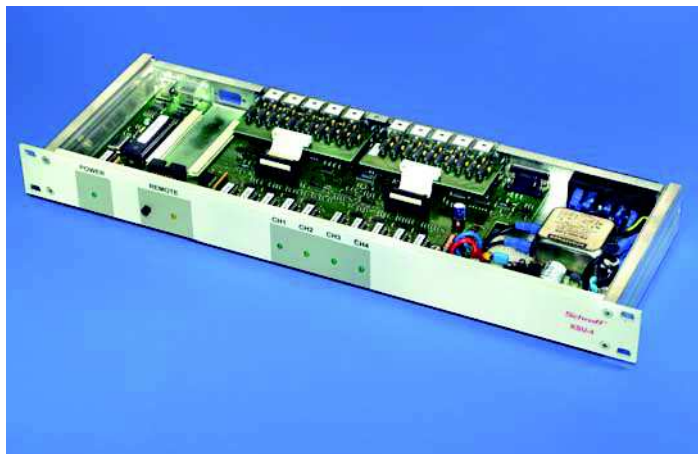
Knowledge transfer and partnership

- Seminars, CAD drawings, test reports, user reports

19" chassis - *multipacPRO*ServicePLUS

How to configure 19" aluminium chassis

- Select height and depth of the basic kit
- Select further components



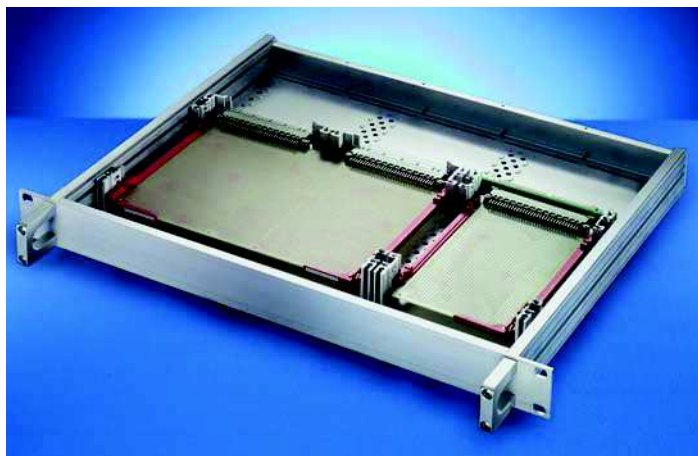
06006001

For non-standardised assemblies (1 ... 5 U)

- Mounting plate
- Top cover/base plate
- Front handles
- EMC gasketing kit
- Telescopic slides

Note

- Non-standardised assemblies see from page 6.120



06002001

For standardised assemblies (1, 2 U) in accordance with IEC 60297 -3-100, -101, -105

- Top cover/base plate for horizontal board mounting
- Internal connector or backplane fitting
- Front handles
- EMC gasketing kit
- Telescopic slide

Note


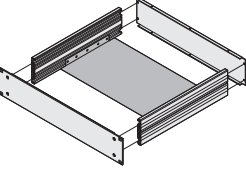
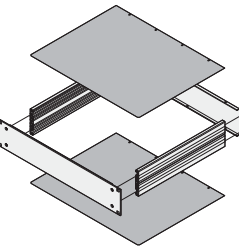
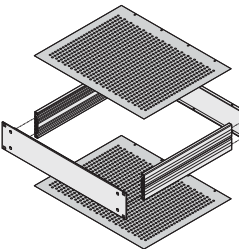
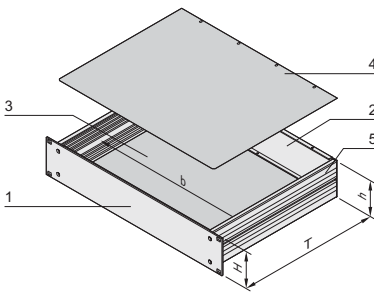
- Standardised assemblies from page 6.122

19" chassis - *multipacPRO*ServicePLUS

Individual components 19" chassis for non-standardised assemblies

- Please select:
 - Height and depth of basic kit (1 ... 5 U, item 1+2+5)
 - Mounting plate
 - Top cover/base plate (item 3+4)
 - Front handles
 - EMC gasketing kit
 - Telescopic slides
- In accordance with IEC 60297-3-105

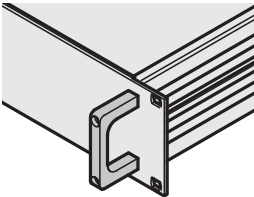
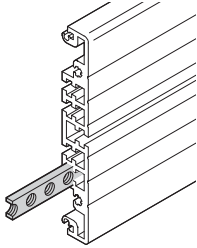
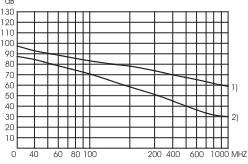

Order Information

				Basic kit  06002004	Mounting plate  06002058	Top cover/base plate		
						plain  06002053	perforated  06007050	
 <p>h = clear height (overall) (H - 8.1 mm) b = clear installation width = 403 mm</p>				<p>1 x Al front panel, 3 mm; 2 x extruded Al side panels; 1 x Al rear panel, 2 mm, incl. fixing material kit</p>	<p>Al plate, 2 mm; threaded insert, St, 2 mm, zinc-plated, height 7 mm, length 431.3 mm, M3 hole clearance 1 HP = 5.08 mm; for heavy equipment</p>	<p>is inserted into the basic kit, Al, 1 mm, passivated; please order EMC gasketing kit separately</p>	<p>is inserted into the basic kit, Al, 1 mm, passivated; hole diameter 4 mm, perforation ratio 58 %</p>	
Height U	Height mm	Width HP	Depth mm	PU 1 kit	Depth mm	1 piece	1 piece	1 piece
1	43.7	84	220	20860-201	150	20860-107	30860-501	30860-510
1	43.7	84	280	20860-202	210	20860-108	30860-502	30860-511
1	43.7	84	340	20860-203	270	20860-109	30860-503	30860-512
2	88.1	84	220	20860-210	150	20860-107	30860-501	30860-510
2	88.1	84	280	20860-211	210	20860-108	30860-502	30860-511
2	88.1	84	340	20860-212	270	20860-109	30860-503	30860-512
3	132.6	84	280	20860-219	210	20860-108	30860-502	30860-511
3	132.6	84	340	20860-220	270	20860-109	30860-503	30860-512
3	132.6	84	400	20860-221	330	20860-110	30860-504	30860-513
3	132.6	84	460	20860-222	390	20860-111	30860-505	30860-514
4	177.0	84	280	20860-228	210	20860-108	30860-502	30860-511
4	177.0	84	340	20860-229	270	20860-109	30860-503	30860-512
4	177.0	84	400	20860-230	330	20860-110	30860-504	30860-513
4	177.0	84	460	20860-231	390	20860-111	30860-505	30860-514
5	221.5	84	460	20860-240	390	20860-111	30860-505	30860-514

19" chassis - *multipacPRO*ServicePLUS

Individual components 19" chassis for non-standardised assemblies

Order Information

				Front handles	Threaded insert M3 for extruded side panel	EMC gasketing kit Shielding upgrade of approx. 30 dB	Assembly kit for telescopic slides
							
				06002052	06007051	esa44237	06094004
				Al extrusion, anodised, incl. assembly kit see page 5.108	St, 2 mm, zinc-plated, height 7 mm, length 431.3 mm, M3 hole clearance 1 HP = 5.08 mm	Gasket 2100 mm, silicone/nickel, for contacting side panel/ top cover and base plate; sawtooth gasket 400 mm; stainless steel, for contacting front panel/ top cover and base plate	Assembly kit and adaptor bracket for the cabinets VARISTAR, eurorack, minirack; for mounting the 19in. chassis on telescopic slides; please order telescopic slides separately see page 6.125
Height U	Height mm	Width HP	Depth D mm	PU 2 pieces	1 piece	PU 1 kit	PU 1 kit
1	43.7	84	220	20860-256	30821-589	20860-130	20860-131
1	43.7	84	280				
1	43.7	84	340				
2	88.1	84	220	20860-257			
2	88.1	84	280				
2	88.1	84	340				
3	132.6	84	280	20860-258			
3	132.6	84	340				
3	132.6	84	400				
3	132.6	84	460				
4	177.0	84	280	20860-259			
4	177.0	84	340				
4	177.0	84	400				
4	177.0	84	460				
5	221.5	84	460	20860-260			

Note

- Further sizes available on request
- Al extrusion side panels up to 1000 mm length available on request
- Telescopic slides see page 6.125

19" chassis - *multipacPRO*ServicePLUS

Individual components 19" chassis for standardised 19" assemblies

- Please select
 - Height and depth of basic kit [1, 2 U, items 1+2+5]
 - Top cover/base plate for horizontal board mounting (items 3+4)
 - Internal mounting for connector or backplane
 - Front handles
 - EMC gasketing kit
 - Telescopic slides
- In accordance with IEC 60297-3-100, 101, 105

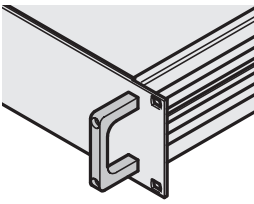
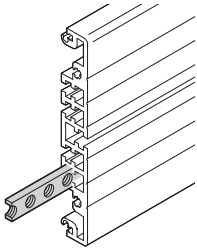
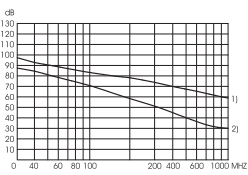

Order Information

<p>06008052</p> <p>h = clear height (overall) (H - 8.1 mm) b = clear installation width = 403 mm</p>				<p>Basic kit</p> <p>06002004</p> <p>1 x Al front panel, 3 mm; 2 x extruded Al side panels; 1 x Al rear panel, 2 mm, incl. fixing material kit</p>	<p>Top cover/base plate</p> <p>06008053</p> <p>Al, 1 mm; with drilled holes for horizontal mounting of euroboards</p>	<p>Mounting of euroboards for EN 60603 connectors</p> <p>06003050</p> <p>2 x front horizontal rails, 2 x rear horizontal rails with Z, 2 x threaded inserts; Sufficient for one 3 U board or one 6 U board</p>	<p>for insulated backplane assembly</p> <p>06003051</p> <p>2 x front horizontal rails, 2 x rear horizontal rails, 4 x threaded inserts, 4 x insulation strips PBT, UL 94; Sufficient for one 3 U board or one 6 U board (6 HP for 1 U, 15 HP for 2 U)</p>
Height U	Height mm	Width HP	Depth D mm	PU 1 kit	1 piece	PU 1 kit	PU 1 kit
1	43.7	84	220	20860-201	30860-519	20860-115	20860-116
1	43.7	84	280	20860-202	30860-520	20860-115	20860-116
1	43.7	84	340	20860-203	30860-521	20860-115	20860-116
2	88.1	84	220	20860-210	30860-519	20860-117	20860-118
2	88.1	84	280	20860-211	30860-520	20860-117	20860-118
2	88.1	84	340	20860-212	30860-521	20860-117	20860-118

19" chassis - *multipacPRO*ServicePLUS

Individual components 19" chassis for standardised 19" assemblies

Order Information

				Front handles	Threaded insert M3 for extruded side panel	EMC gasketing kit for shielding upgrade of approx. 30 dB	Assembly kit for fixing on telescopic slides
				 <p>06002052</p> <p>Al extrusion, anodised, incl. assembly kit see page 5.108</p>	 <p>06007051</p> <p>St, 2 mm, zinc-plated, height 7 mm, length 431.3 mm, M3 hole clearance 1 HP = 5.08 mm</p>	 <p>esa44237</p> <p>Gasket 2100 mm, silicone/nickel, for contacting side panel/ top cover and base plate; sawtooth gasket 400 mm; stainless steel, for contacting front panel/ top cover and base plate</p>	 <p>06094004</p> <p>Assembly kit and adaptor bracket for the cabinets VARISTAR, eurorack, minirack; for mounting the 19in. chassis on telescopic slides; please order telescopic slides separately see page 6.125</p>
Height U	Height mm	Width HP	Depth D mm	PU 2 pieces	1 piece	PU 1 kit	PU 1 kit
1	43.7	84	220	20860-256	30821-589	20860-130	20860-131
1	43.7	84	280				
1	43.7	84	340				
2	88.1	84	220	20860-257	30821-589	20860-130	20860-131
2	88.1	84	280				
2	88.1	84	340				

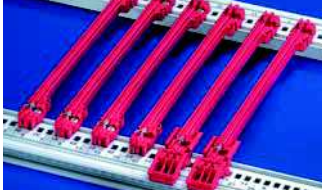

Note

- Further sizes available on request
- Al extrusion side panels up to 1000 mm length available on request
- Telescopic slides see page 6.125

19" chassis - *multipacPRO*ServicePLUS

Guide rails for boards without front panels, one-piece, groove width 2 mm

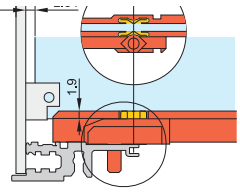
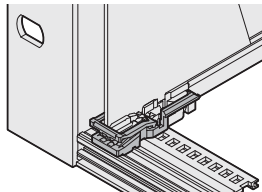
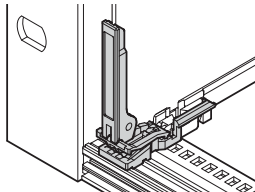
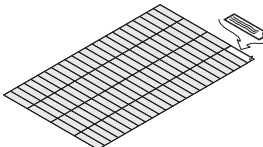
Order Information

Assembly - can be clipped into horizontal rails in Al extrusion - can be clipped into 1.5 mm thick plate			Guide rails "Accessories"  <small>06102002</small> up to 280 mm length, PBT, UL 94 V-0; > 280 mm length, multi-piece, end piece PBT, UL 94 V-0, middle section Al extrusion
Storage temperature from -40 °C ... +130 °C			
Board length	Groove width	Colour	PU 10 pieces ²⁾ 24560-373 24560-374 24560-375 24560-376
mm	mm	mm	
160	2	red	
220	2	red	
280	2	red	
340	2	red	24560-376
Retention screw, PU 100 pieces			24560-141

2) Part no. includes one packing unit (PU); delivery is exclusively made in PU

Guide rail accessories

Order Information

ESD clip for guide rails  <small>04503050</small> Spring steel, tin-plated, ensures conductive contact between board and horizontal rail, on both the solder side and the component side PU 50 pieces 24560-255	Board locking for PCBs without front panel  <small>04805050</small> PBT, UL 94 V-0, red, to fix the PCB in the subrack (also slot 1), can also be used without board handle, minimum distance 3 HP PU 10 pieces 24560-377	Board handle for board locking  <small>04805051</small> PBT, UL 94 V-0, red, insertion/extraction function with connection to board locking (also slot 1), mounting directly behind front panel (upper and lower), minimum distance 3 HP PU 10 pieces 24560-378	Identification strips for board handle  <small>06108076</small> Polyester film, 31 x 4 mm, self-adhesive, white/matt (1 A4 sheet contains 438 pieces) PBT, UL 94 V-0 1 piece 60817-228
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19" chassis - *multipacPRO*ServicePLUS

Universal 1 U telescopic slide



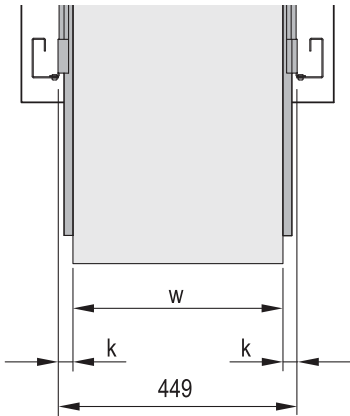
- Static load-carrying capacity per pair 23 - 39 kg
- Lateral mounting on the 19" uprights (19" plane remains free for fixing the extension/drawer)
- Can be removed
- Extension length > 100 %
- Rail width $k = 9.7$ mm, max. installation width of extension/drawer $w = 429$ mm

Delivery comprises

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

Order Information

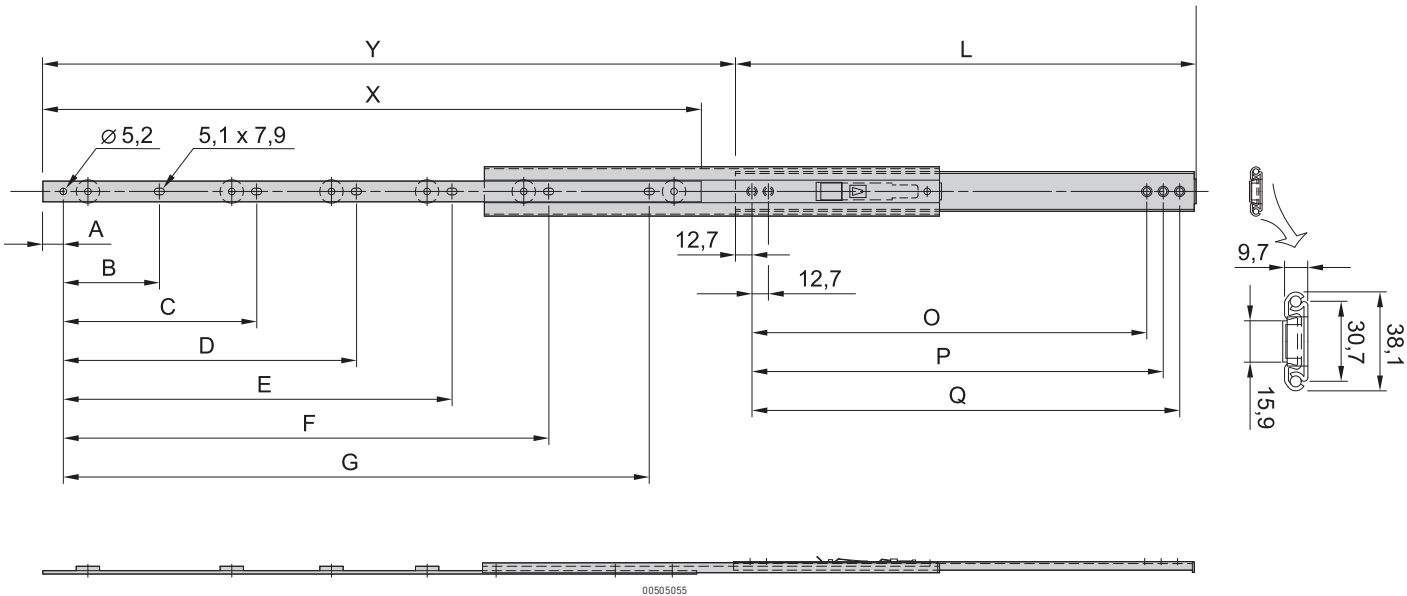
Length L	Extension length Y	Load-carrying capacity P	Part no.
mm	mm	kg	
356	381	39	20110-090
406	432	36	20110-091
457	483	34	20110-092
508	533	32	20110-093
559	584	29	20110-094
610	635	27	20110-095
660	686	23	20110-096
711	737	23	20110-097



k = rail width, w = max. installation width

Dimensions table

L	Internal part								External part		
	A	B	C	D	E	F	G	X	O	P	Q
356	29.5	92.1	184.2	276.2	-	-	-	349.3	304.6	317.3	330.0
406	29.5	92.1	184.2	276.2	-	-	-	349.3	355.4	368.1	380.8
457	29.5	92.1	184.2	276.2	-	-	-	349.3	406.4	419.1	431.8
508	89.9	92.1	184.2	276.2	368.3	-	-	501.7	457.4	470.1	482.8
559	89.9	92.1	184.2	276.2	368.3	-	-	501.7	508.1	520.8	533.5
610	89.9	92.1	184.2	276.2	368.3	-	-	501.7	558.6	571.3	584.0
660	7.4	92.1	184.2	276.2	368.3	460.4	552.4	603.3	609.4	622.1	634.8
711	7.4	92.1	184.2	276.2	368.3	460.4	552.4	603.3	660.2	672.9	685.6

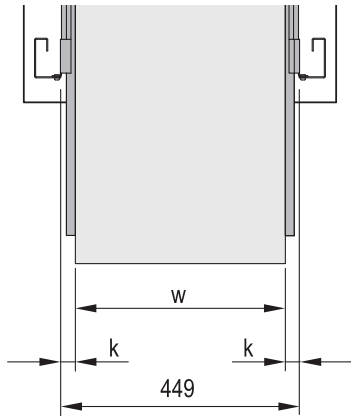


19" chassis - *multipacPRO*ServicePLUS

Universal 2 U, slim telescopic slide



00505009



0050506000505059

k = rail width, w = max. installation width

Dimensions table

Length L	Internal part				External part		
	A	w	C	X	D	E	F
356	101.6	184.2	304.8	356.0	101.6	228.6	330.2
406	127.0	209.6	355.6	406.0	127.0	254.0	381.0
457	127.0	235.0	406.4	457.0	152.4	279.4	431.8
508	152.4	260.4	457.2	508.0	152.4	330.2	482.6
559	203.2	412.8	508.0	559.0	177.8	355.6	533.4
584	203.2	431.8	533.4	584.0	177.8	381.0	558.8
610	203.2	438.2	558.8	610.0	203.2	381.0	584.2

- Static load-carrying capacity per pair 46 - 57 kg
- Lateral mounting on the 19" uprights (19" plane remains free for fixing the extension/drawer)
- Locking at full extension
- Extension length > 110 %
- Rail width k = 9,7 mm, max. installation width of extension/drawer w = 429 mm

Delivery comprises

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

Order Information

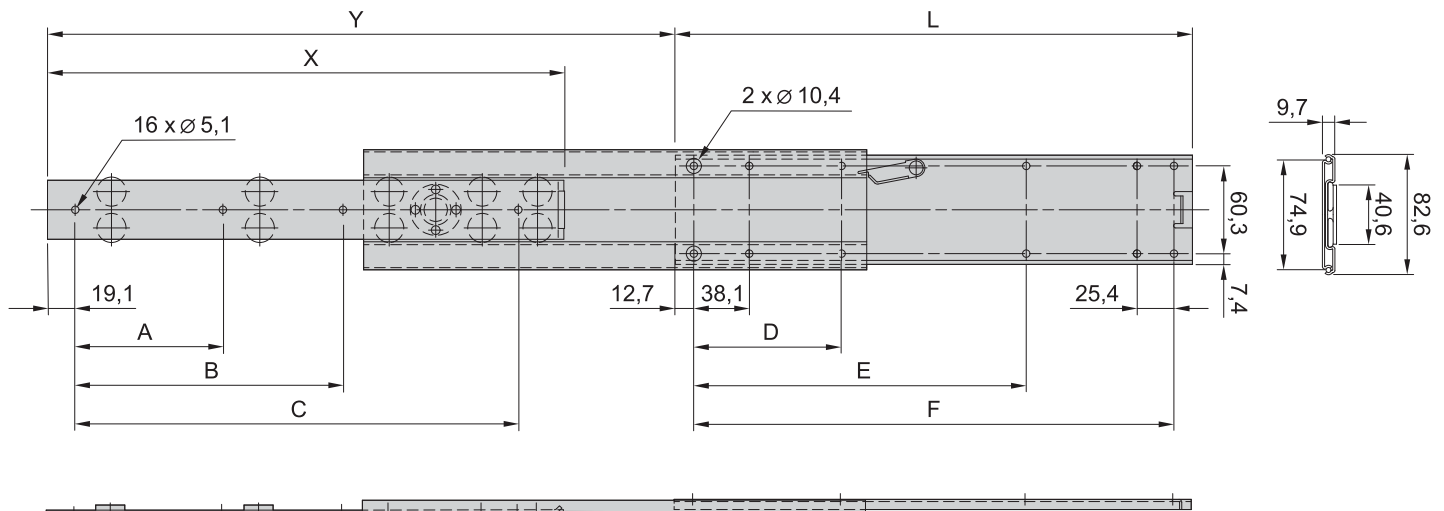
Length L	Extension length Y	Load-carrying capacity P	Part no.
mm	mm	kg	
356	432	57	20110-071
406	483	55	20110-072
457	533	55	20110-073
508	584	55	20110-074
559	635	46	20110-075
584	660	46	20110-076
610	686	46	20110-077

Accessories

Assembly kit for VARISTAR, for assembly of 2 telescopic slides, PU 1 kit	21120-161
Assembly kit for eurorack, for assembly of 2 telescopic slides, PU 1 kit	21120-162
Telescopic slides mounting kit for NOVASTAR, to mount 2 telescopic slides, PU 1 kit	21120-163
Delivery: supplied loose with cabinet or frame	Part no./35

Note

- To mount on 19" plane please order assembly kit separately
- Universal telescopic rails can also be fitted without additional components in non-standard applications, thus also in other than 19" cabinets



00505059

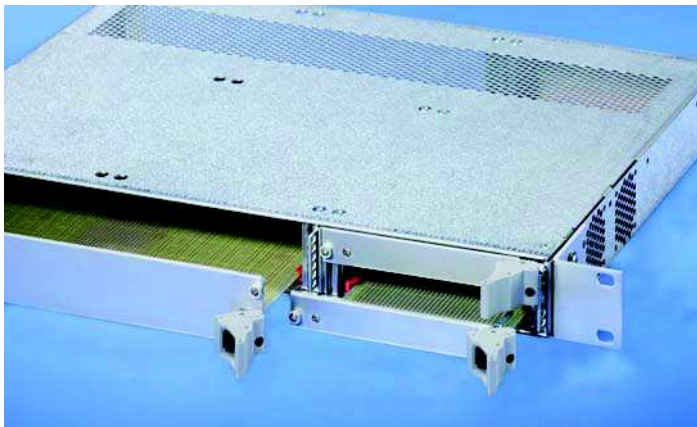
19" chassis - *multipacPRO*ServicePLUS

Customised solutions



Application: Different cut-outs

06002006



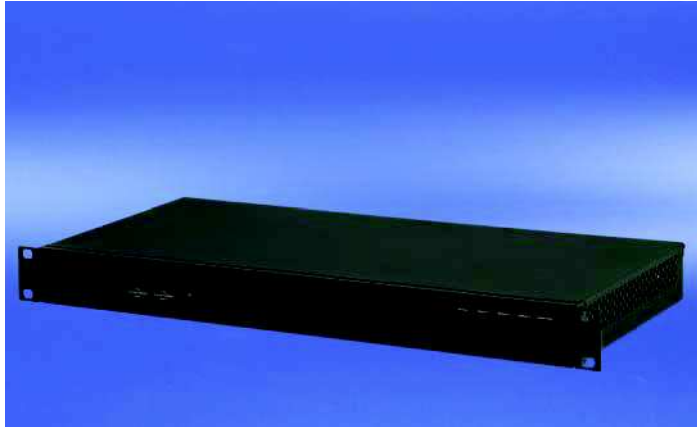
Application: Combined 3 U and 6 U assembly

06002007



Application: 2 U version with 2 x 3 U assembly

06002005



Application: 1 U multipacPRO (pizza box) complete from steel plate; 19" brackets can be removed if required

06008006



Application: 1 U multipacPRO complete from steel plate; front panel in aluminium with cut-outs

06108007



Application: 1 U multipacPRO complete from steel plate; printed 19" front panel in aluminium with cut-outs

06101008