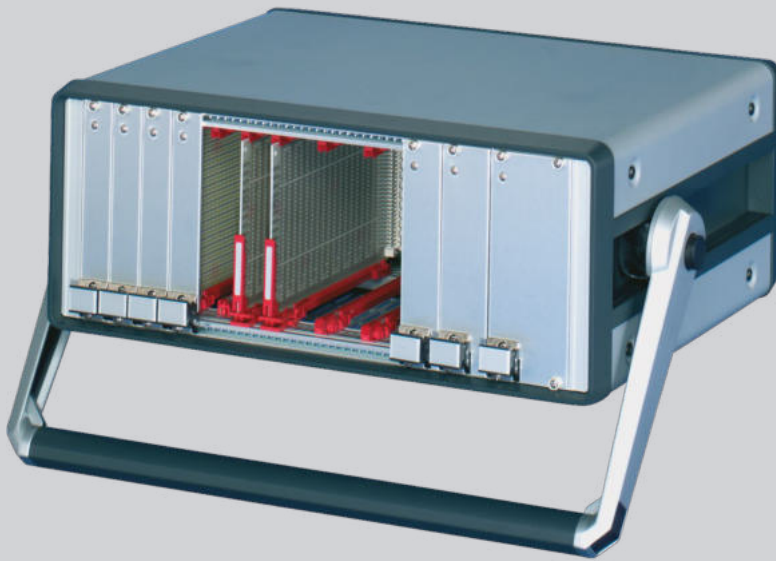




CONNECT AND PROTECT

CompacPRO

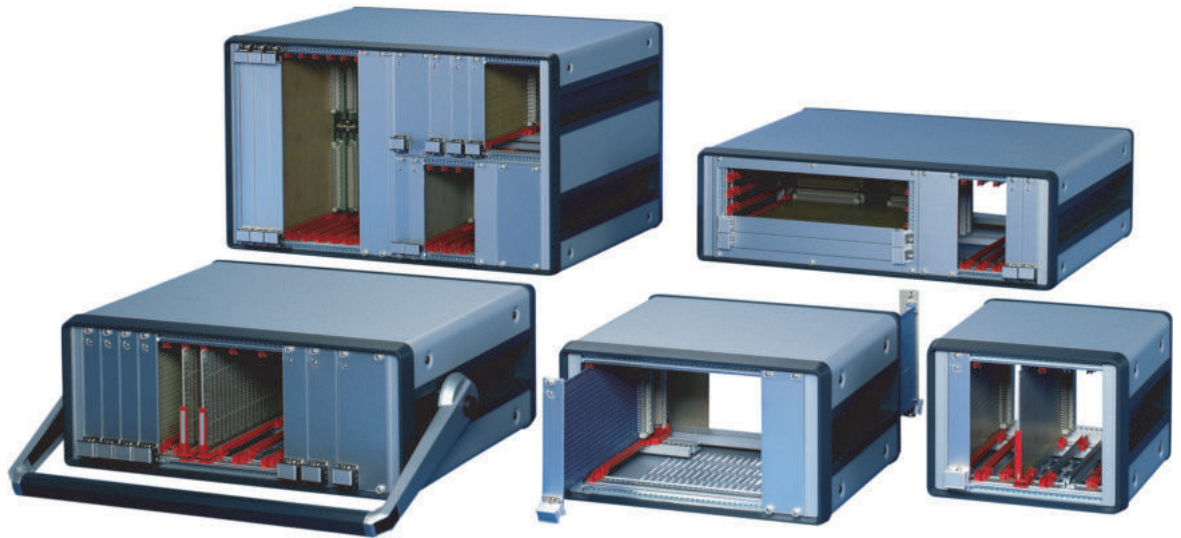
02/2024

Desk-top cases – CompacPRO

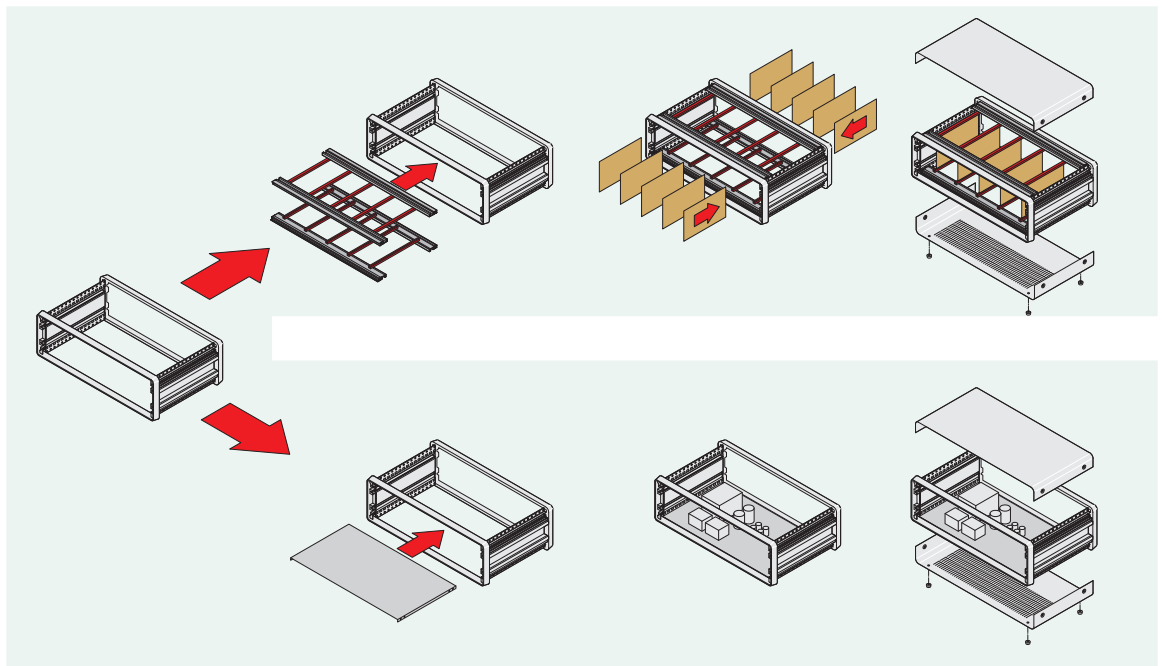
OVERVIEW

MAIN KATALOG

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



02004009



02004079

Flexible expansion options, for 19" components e.g. plug-in unit units, or for individual expansion

STANDARDS

- Interior dimensions in accordance with: IEC 60297-3-101
- Type of protection IP 20 in accordance with IEC 60529
- GND/earth connections in accordance with:
DIN EN 50178 / VDE 0160
DIN EN 62368-1 / VDE 0805
DIN EN 61010-1 / VDE 0411 part 1
DIN EN 61010-1A2 / VDE 0411 part 1/A12

Desk-top cases – CompacPRO

OVERVIEW

ROBUST DESK-TOP CASE FOR 19" COMPONENTS IN ACCORDANCE WITH IEC 60297-3-10X OR FOR INDIVIDUAL ELECTRONICS ASSEMBLIES

- Front and rear identical, depth-symmetrical construction
- Highly robust thanks to die-cast frame (front/rear)
- Side panel with integrated handle function
- Prepared for the installation of non-standardized components (on a mounting plate)

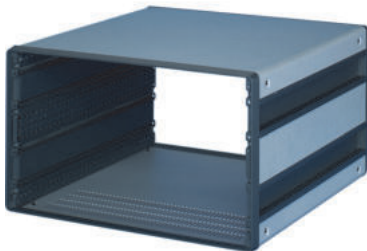
Overview . . . 5.76

compacPRO
 Complete cases
 3, 6 U 5.78
 Cases 2, 3, 4 U 5.79
 6 U cases 5.80

Accessories
 Filler angle 5.81
 Cable holder 5.81
 Front panel/rear panel 5.82
 Rear feet 5.83
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 Combined mounting . 5.95
 Horizontal board assembly 5.96
 Air flow barrier 5.97
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DESK-TOP CASES

- **Complete case**
 - Pre-configured case, prepared for 19" components
 - Case height 3 U and 6 U
- **Case**
 - Case height 2 U, 3 U, 4 U and 6 U



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EXTENSIVE ACCESSORY RANGE



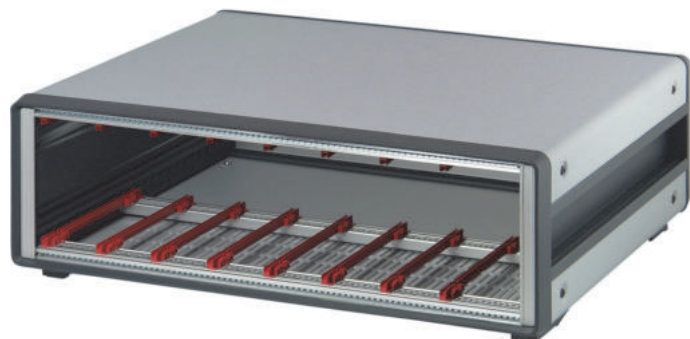
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SERVICEPLUS

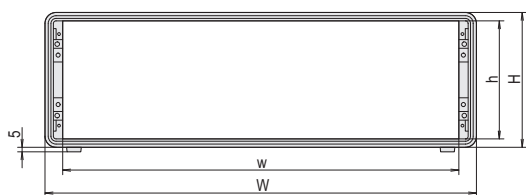
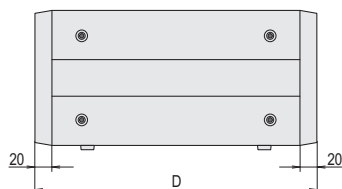
e.g. modifications (special colours, special depths,
 cut-outs in top cover, base plate or side panels)
 e.g. assembly service from 1 piece

Desk-top cases – CompacPRO

COMPLETE CASES 3 AND 6 U



02009005



02004054

- Desk-top case with pre-configured components in accordance with IEC 60297-3-101; prepared for 19" components such as plug-in units and euroboards
- For backplane mounting with insulation strips
- Ventilation slots in base plate
- Ventilation slots in rear panel

DELIVERY COMPRISES (Kit, items 1, 2, 6, 8, 9, 10, 11 fitted)

Item	Qty		Description
	3 U	6 U	
1	2	4	Side panel, Al extrusion, powder-coated, RAL 7016
2	2	2	Frame, Al die-cast, powder-coated, RAL 7016
3	1	1	Cover plate, Al, 1.5 mm, powder-coated, RAL 9006, with GND/earthing tag
4	1	1	Base plate with 4 rows of ventilation slots, Al, 1.5 mm, powder-coated, RAL 9006, with GND/earthing tag
6	4	4	Tip-up foot with anti-slip protection, PA, RAL 7016, UL 94 V-0
7	2	2	Cover bracket, Al extrusion, anodised, cut edges plain
8	2	2	Horizontal rail, Al extrusion, with threaded insert, St, M2.5
9	2	2	Rear horizontal rail, Al extrusion, with threaded insert, St, M2.5 and insulation strip, PBT, UL 94 V-0 (for indirect backplane mounting)
11	1	1	Rear panel with 1 row of ventilation slots, Al, anodised, 2 mm for 28, 42 and 63 HP, 2.5 mm for 84 HP
12	10/20	10/20	Guide rail for 160 mm board length, PC, UL 94 V-0, 28/42 HP 10 pieces, 63/84 HP 20 pieces
13	1	1	GND/earthing kit
14	1	1	Assembly kit, also allows the fitting of a full-width front panel

ORDER INFORMATION

Height H	Width W	Depth D	Usable width		Part no.
			w HP	w mm	
3	186	271	28	148	14575-114
3	186	331	28	148	14575-115
3	257	271	42	219	14575-134
3	257	331	42	219	14575-135
3	257	391	42	219	14575-136
3	364	271	63	326	14575-154
3	364	331	63	326	14575-155
3	364	391	63	326	14575-156
3	471	271	84	432	14575-174
3	471	331	84	432	14575-175
3	471	391	84	432	14575-176
3	471	511	84	432	14575-178

Maximum mounting depth = D - 21 (open space: front panel - rear panel)

NOTE

- Dimensions of case, side panel see from page 5.98

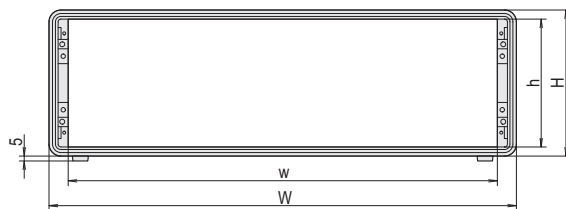
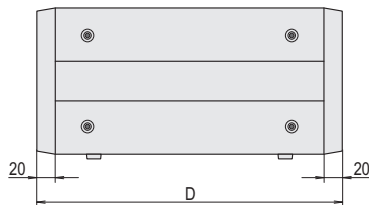
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Desk-top cases – CompacPRO

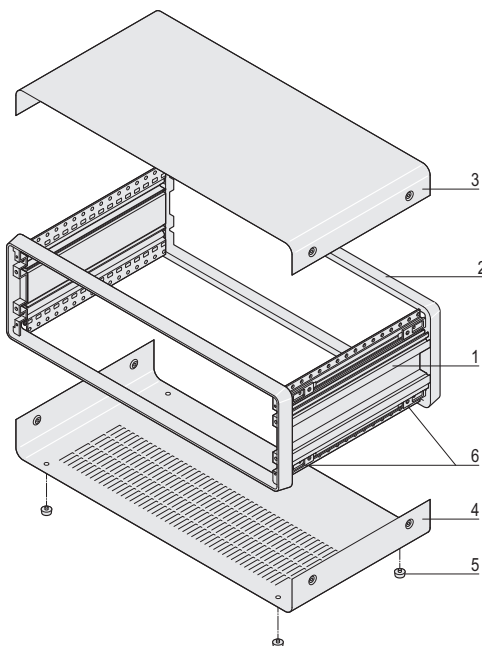
CASES 2, 3 AND 4 U



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- Desk-top case, pre-configures, for individual assembly
- Ventilation slots in base plate

DELIVERY COMPRISES (Kit, items 1 and 2 fitted)

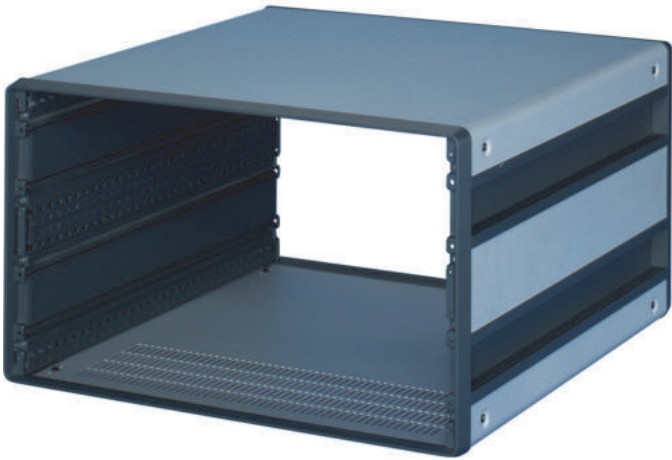
Item	Qty	Description
1	2	Side panel, Al extrusion, powder-coated, RAL 7016
2	2	Frame, Al die-cast, powder-coated, RAL 7016
3	1	Cover plate, Al, 1.5 mm, powder-coated, RAL 9006, with GND/earthing connection
4	1	Base plate with 4 rows of ventilation slots, Al, 1.5 mm, powder-coated RAL 9006, with earthing connection
5	4	Case foot with anti-slip protection, PC, black
6	8	Fixing adaptor for cover plate, prefitted
7	1	Assembly kit

ORDER INFORMATION

Height U	Usable width HP	Width W mm	Width w mm	Height H mm	Height h mm	Depth D mm	Part no.
2	42	257	219	102.6	84.4	271	14575-023
2	42	257	219	102.6	84.4	331	14575-025
2	42	257	219	102.6	84.4	391	14575-027
2	84	471	432	102.6	84.4	271	14575-063
2	84	471	432	102.6	84.4	331	14575-065
2	84	471	432	102.6	84.4	391	14575-067
3	28	186	148	147.1	129.3	271	14575-103
3	28	186	148	147.1	129.3	331	14575-105
3	42	257	219	147.1	129.3	271	14575-123
3	42	257	219	147.1	129.3	331	14575-125
3	42	257	219	147.1	129.3	391	14575-127
3	63	364	326	147.1	129.3	271	14575-143
3	63	364	326	147.1	129.3	331	14575-145
3	63	364	326	147.1	129.3	391	14575-147
3	84	471	432	147.1	129.3	271	14575-163
3	84	471	432	147.1	129.3	331	14575-165
3	84	471	432	147.1	129.3	391	14575-167
3	84	471	432	147.1	129.3	451	14575-169
3	84	471	432	147.1	129.3	511	14575-171
4	42	257	219	191.6	173.8	271	14575-223
4	42	257	219	191.6	173.8	331	14575-225
4	63	364	326	191.6	173.8	271	14575-243
4	63	364	326	191.6	173.8	331	14575-245
4	63	364	326	191.6	173.8	391	14575-247
4	84	471	432	191.6	173.8	331	14575-265
4	84	471	432	191.6	173.8	391	14575-267
4	84	471	432	191.6	173.8	451	14575-269
4	84	471	432	191.6	173.8	511	14575-271

Desk-top cases – CompacPRO

6 U CASES



- Desk-top case, pre-configured, for individual assembly
- Ventilation slots in base plate

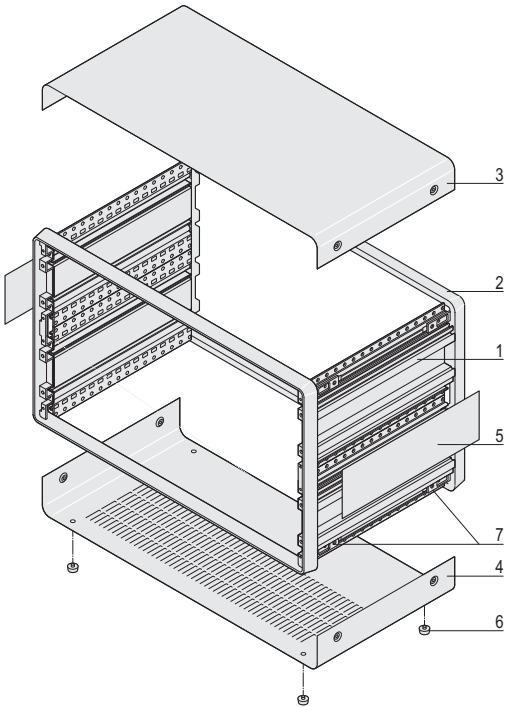
DELIVERY COMPRISES (Kit items 1, 2 and 5 fitted)

Item	Qty	Description
1	4	Side panel parts, Al extrusion, powder-coated, RAL 7016, 2 x 3 U
2	2	Frame, Al die-cast, powder-coated, RAL 7016
3	1	Cover plate, Al, 1.5 mm, powder-coated, RAL 9006, with GND/earthing tag
4	1	Base plate with 4 rows of ventilation slots, Al, 1.5 mm, powder-coated, RAL 9006, with GND/earthing tag
5	2	Side plate, Al, 0.8 mm, powder-coated, RAL 9006
6	4	Case foot with anti-slip protection, PC, black
7	8	Fixing adaptor for cover plate, prefitted
8	1	Assembly kit

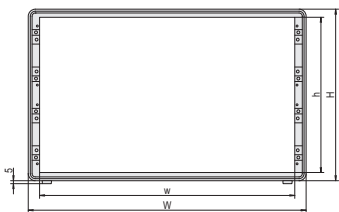
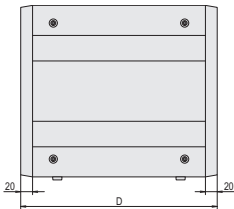
02004006

ORDER INFORMATION

Usable width	Width W	Width w	Height H	Height h	Depth D	Part no.
HP	mm	mm	mm	mm	mm	
63	364	326	280.5	262.9	331	14575-445
63	364	326	280.5	262.9	391	14575-447
84	471	432	280.5	262.9	271	14575-463
84	471	432	280.5	262.9	331	14575-465
84	471	432	280.5	262.9	391	14575-467
84	471	432	280.5	262.9	451	14575-469
84	471	432	280.5	262.9	511	14575-471



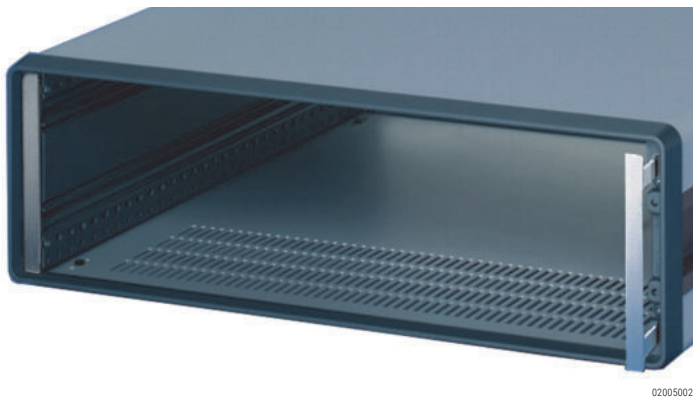
02004055



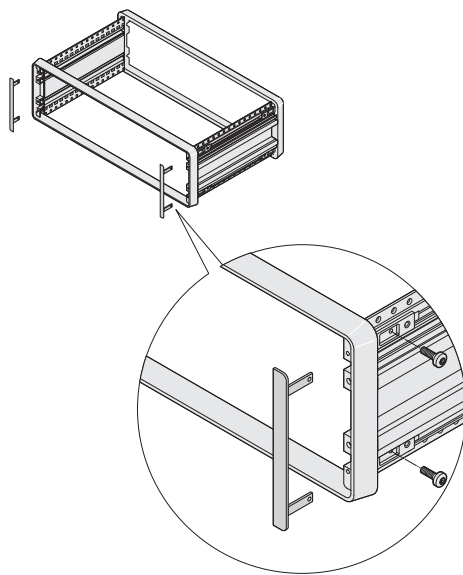
02004056

Desk-top cases – CompacPRO

FILLER ANGLE



02005002



02004062

- To cover the sides of the frame and to create a continuous front plane with plug-in units and partial-width front panels
- This filler angle is recommended when fitting horizontal rails

DELIVERY COMPRISES

Item	Qty	Description
1	2	Filler angle, Al extrusion, anodised, cut edges plain

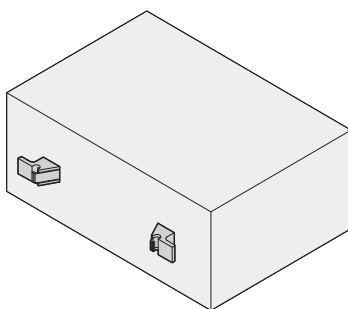
ORDER INFORMATION

Height U	Part no.
2	24575-019
3	24575-119
4	24575-219
6	24575-419

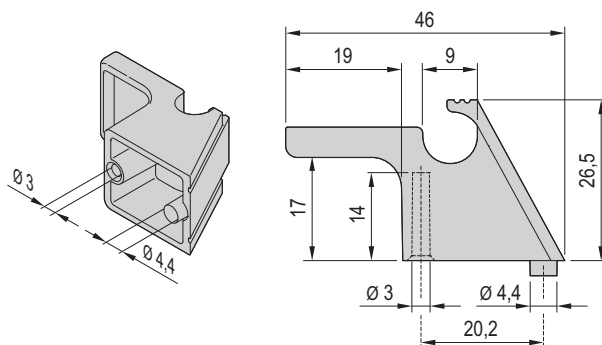
NOTE

- Fixing material is supplied with case

CABLE HOLDER



02908053



02908052

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	2	Cable bracket, ABS, UL V-94 0, RAL 7016, detent for cables between 8 mm and 12 mm
2	1	Drilling template, two drill holes each per bracket are needed in rear panel
3	1	Assembly kit

ORDER INFORMATION

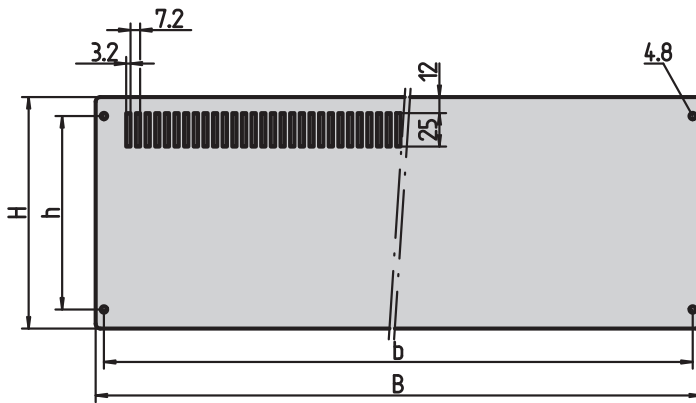
Description	Part no.
Cable holder	24575-800

Desk-top cases – CompacPRO

FRONT PANEL AND REAR PANEL



Rear panel/front panel



02005001

CPA30656

- Front panels and rear panels are screwed on front or rear frame of case

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Rear panel with 4 rows of ventilation slots, Al, anodised, cut edges plain; 28, 42, 63 HP = 2 mm thick; 84 HP = 2.5 mm thick
2	1	Front panel, Al, anodised, cut edges plain, 3 mm thick

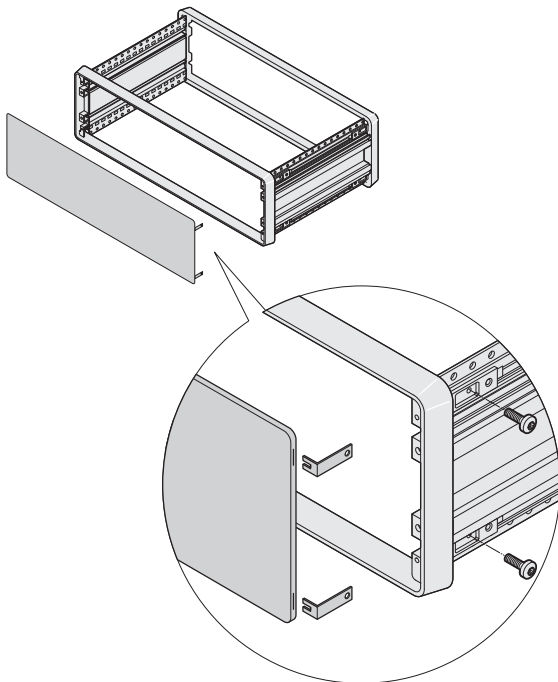
ORDER INFORMATION

Height U	Width HP	Height H mm	Height h mm	Width B mm	Width b mm	Rear panel Part no.	Front panel Part no.
2	42	84	66	238.7	226.3	30823-015	30823-209
2	84	84	66	452.1	439.7	30823-512	30823-215
3	28	128.4	100	167.5	155.1	30823-021	30823-254
3	42	128.4	100	238.7	226.3	30823-024	30823-257
3	63	128.4	100	345.4	333.1	30823-027	30823-224
3	84	128.4	100	452.1	439.7	30823-515	30823-260
4	42	172.9	144.5	238.7	226.3	30823-033	30823-269
4	63	172.9	144.5	345.4	333.1	30823-036	30823-227
4	84	172.9	144.5	452.1	439.7	30823-518	30823-272
6	63	261.8	233.4	345.4	333.1	30823-045	30823-230
6	84	261.8	233.4	452.1	439.7	30823-521	30823-284

NOTE

- Assembly kit to fix one rear and one front panel is included with the case
- Cable holder and rear feet, see from page 5.81

FRONT PANEL/REAR PANEL WITH HIDDEN FIXING



02004061

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Front panel, Al, anodised, cut edges plain, 2.5 mm
2	4	Fixing bracket

ORDER INFORMATION

Height U	Width HP	Height H mm	Height h mm	Width B mm	Width b mm	Part no.
2	42	84.0	66.0	238.7	226.3	24575-035
2	84	84.0	66.0	452.1	439.7	24575-075
3	28	128.4	100.0	167.5	155.1	24575-115
3	42	128.4	100.0	238.7	226.3	24575-135
3	63	128.4	100.0	345.4	333.1	24575-155
3	84	128.4	100.0	452.1	439.7	24575-175
4	42	172.9	144.5	238.7	226.3	24575-235
4	63	172.9	144.5	345.4	333.1	24575-255
4	84	172.9	144.5	452.1	439.7	24575-275
6	63	261.8	233.4	345.4	333.1	24575-455
6	84	261.8	233.4	452.1	439.7	24575-475

NOTE

- Cable holder and rear feet see from page 5.81

Desk-top cases – CompacPRO

REAR FOOT WITH RUBBER INSERT

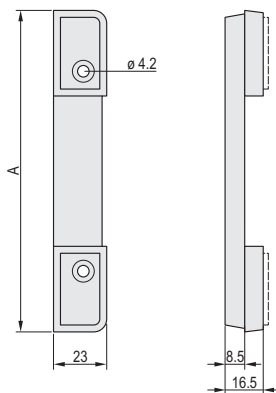


DELIVERY COMPRISES

Item	Qty	Description
1	2	Foot with rubber insert, PC, UL 94 V-0, RAL 7016
2	1	Fixing material

ORDER INFORMATION

For case height	A	Part no.
U	mm	
3	139	24575-114
4	183.5	24575-214



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EDGE PROTECTION/REAR FOOT

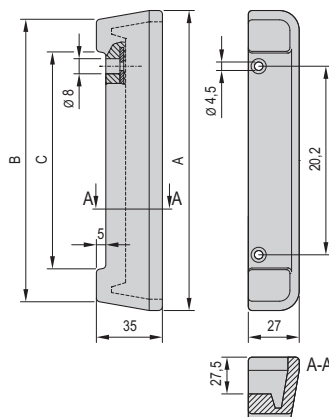


DELIVERY COMPRISES

Item	Qty	Description
1	2	Edge protection, PU foam, black
2	1	Assembly kit

ORDER INFORMATION

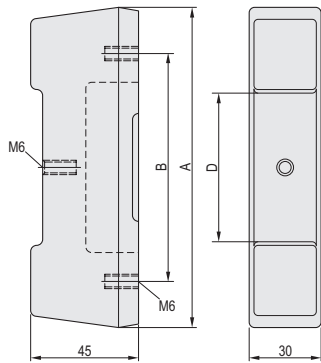
For case height	A	B	C	Part no.
U	mm	mm	mm	
3	159.1	114.0	100.0	20823-675
4	203.6	159.0	144.5	20823-676



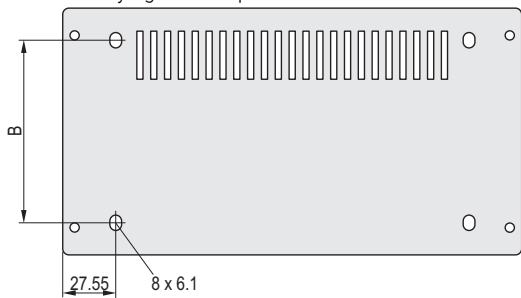
02908054

Desk-top cases – CompacPRO

REAR FOOT



Dimensions for modifying the rear panel



DELIVERY COMPRISES

Item	Qty	Description
1	2	Foot, PU foam, black, 75° shore
2	1	Fixing material

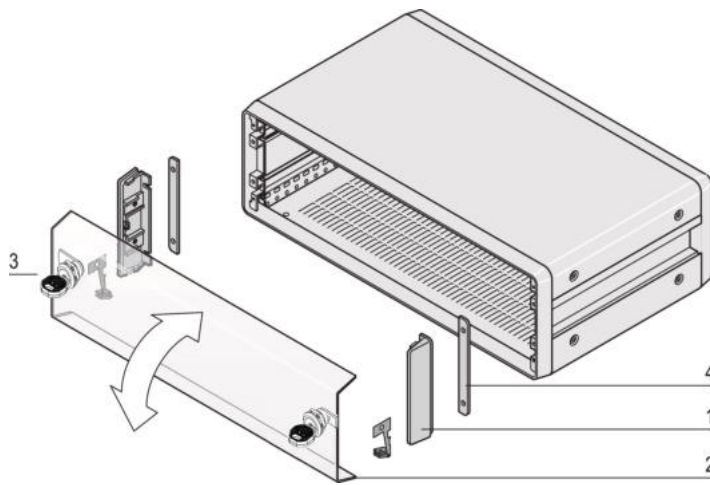
ORDER INFORMATION

Height U	A mm	B mm	D mm	Part no.
3	133.5	95	65	20823-668
4	177.8	139.5	95	20823-669

- Rear panel, see page 5.82

Desk-top cases – CompacPRO

FRONT DOOR, ACRYLIC GLASS, HINGED



Front door, hinged

- Assembly of the hinge to top or bottom
- Quick-release fastener with safety locks

DELIVERY COMPRISES (kit)

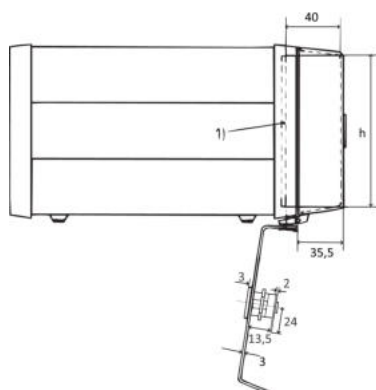
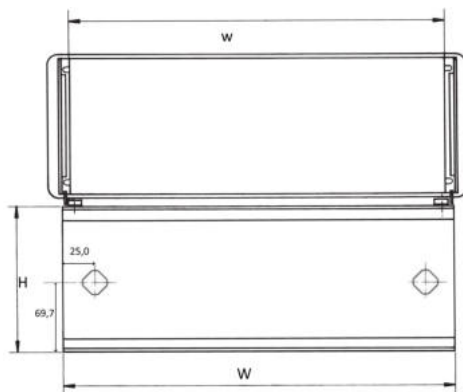
Item	Qty	Description
1	2	Side part, Al die-cast, powder-coated, RAL 7016
2	1	Front door, PMMA, tinted blue-grey, acrylic glass, 3 mm
3	2	Quick release fastener with safety locks
4	2	Spacer plate, Al, 3 mm, passivated
5	1	Assembly kit

ORDER INFORMATION

Height U	Width HP	Part no.
3	42	24575-478
3	63	24575-479
3	84	24575-480

DIMENSIONS TABLE

Height U	b TE	H mm	h mm	B mm
3	42	139,50	128,40	229,60
3	63	139,50	128,40	336,40
3	84	139,50	128,40	443,00

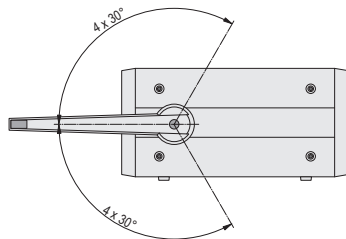
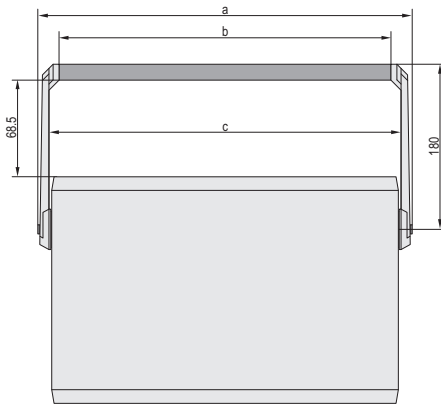


Desk-top cases – CompacPRO

TIP-UP CARRYING HANDLE



02004002



02004080

- With powder-coated handle bar
- Handle bar adjustable in 30 degree increments by pressing button
- Load-carrying capacity 20 kg

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Carrying bar, Al profile, powder-coated, RAL 7016
2	2	Lateral section of handle, Zn die-cast, powder coated, length 180 mm
3	2	Safety insert, St, 1.5 mm, black
4	1	Fixing material incl. drilling template for side panel

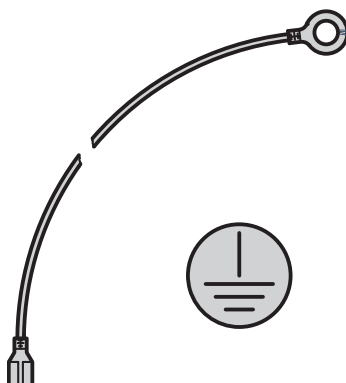
ORDER INFORMATION

For case height U	Width HP	Part no.
2	42	24575-038
2	84	24575-078
3, 4	28	24575-118
3, 4	42	24575-138
3, 4	63	24575-158
3, 4	84	24575-178

DIMENSIONS

Case width HP	a mm	b mm	c mm
28	249.32	180.32	202.72
42	320.44	251.44	273.84
63	427.12	358.12	380.52
84	533.80	464.80	487,20

GND/EARTHING KIT



aza43284

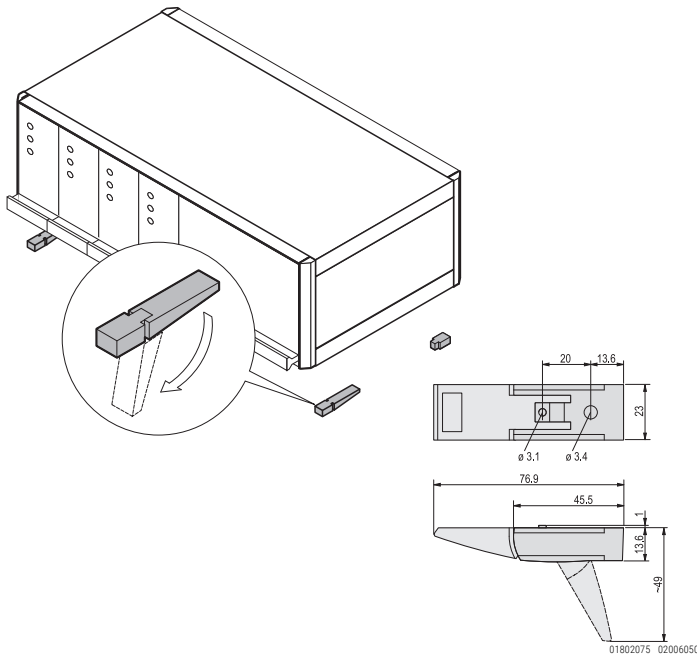
- Protective GND/earth connections in accordance with DIN EN 50178/ VDE 0160, DIN EN 62368-1/VDE 0805, DIN EN 61010-1/VDE 0411 part 1, DIN EN 61010-1A2 /VDE 0411 part 1/A1 VDE inspection requested

ORDER INFORMATION

Description	Qty/PU	Part no.
GND/earthing kit, CU wire 1.5 mm ² , PVC covered, green/ yellow, links side panel, base plate, cover and rear panel	1	24575-801

Desk-top cases – CompacPRO

PLASTIC TIP-UP FEET



- Static load-carrying capacity 25 kg per foot
- Tip-up feet can be used instead of the case feet fitted as standard
- Fixing holes provided in bottom of case

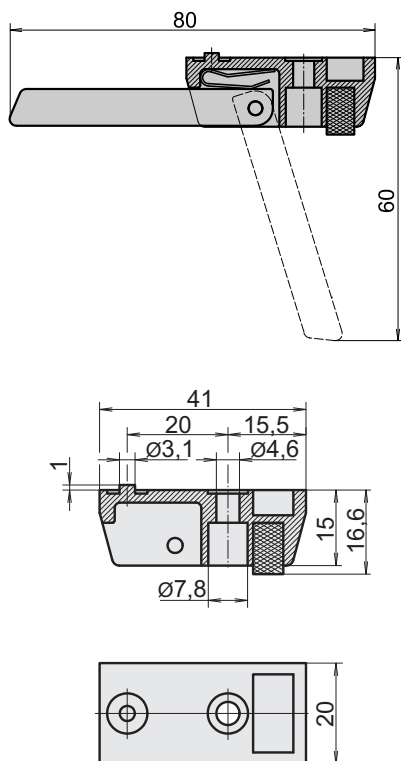
DELIVERY COMPRISES (kit)

Item	Qty	Description
1	4	Foot, PA, UL 94 V-0
2	4	Anti-slip protection, TPE
3	2	Tip-up device, PA, UL 94 V-0
4	1	Assembly kit

ORDER INFORMATION

Description	RAL 7016 anthracite Part no.	RAL 9006 silver Part no.
Plastic tip-up foot	20603-002	20603-001

AL DIE-CAST TIP-UP FOOT



- Static load-carrying capacity 50 kg per foot
- Tip-up feet can be used instead of the case feet fitted as standard
- Fixing holes provided in bottom of case

ORDER INFORMATION

Description	Qty	Part no.
Foot without tip-up, Al die-cast, silver	1 piece (SPQ 10) ¹⁾	10603-001
Foot with tip-up, Al die-cast, silver	1 piece (SPQ 10) ¹⁾	10603-002

Accessories

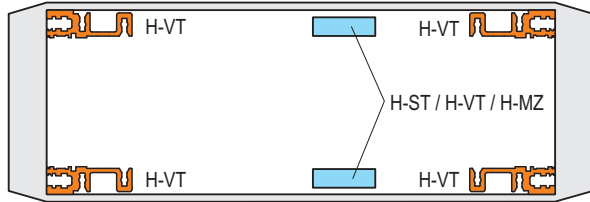
Cheesehead screw with slot M4 × 12, St, zinc-plated, PU 100 pieces	21101-211
Hexagon nut M4, St, zinc-plated, PU 100 pieces	21100-211
Spring washer A4, St, zinc-plated, PU 100 pieces	21100-207

1) Delivery is exclusively in Standard Pack Quantity (SPQ):
Please order at least 10 pieces or a multiple. Pricing is per individual item.

Desk-top cases – CompacPRO

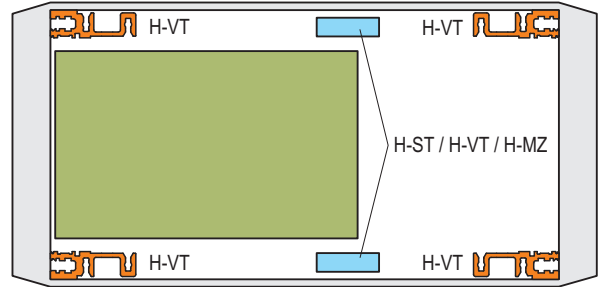
MOUNTING POSITION HORIZONTAL/CENTRAL RAIL

Case, 2 U



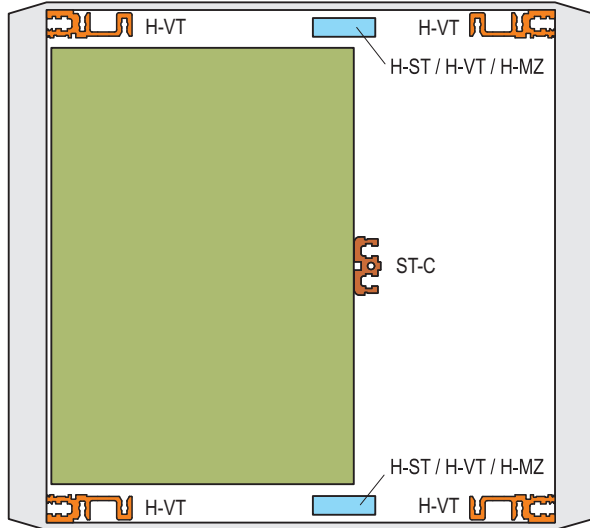
02004073

Case, 3 U + 4 U



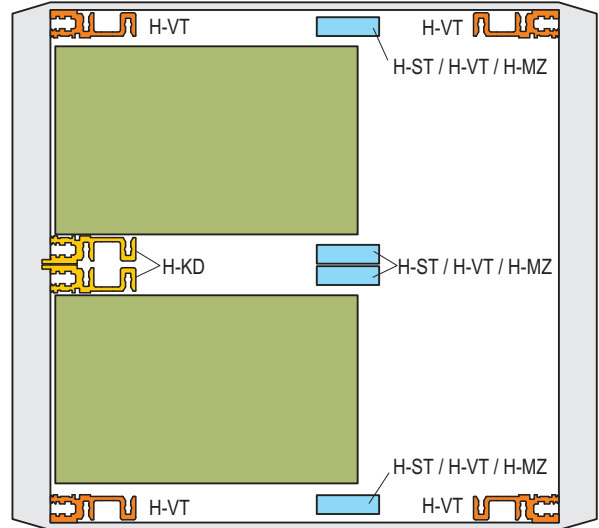
02004074

Case, 6 U



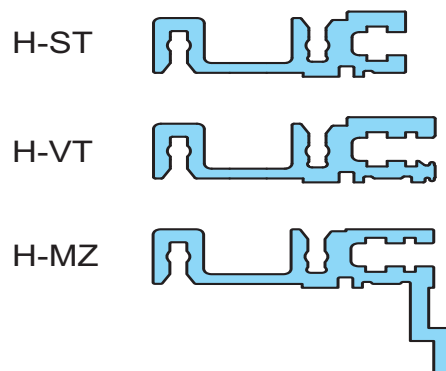
02004076

Case 2 x 3 U (6 U)



02004077

Horizontal rails

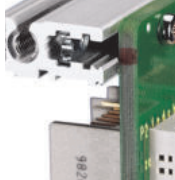


02004078

Desk-top cases – CompacPRO

HORIZONTAL RAILS TO FRONT/CENTRE/REAR

ORDER INFORMATION

		For indirect backplane fixing with insulation strip	For direct backplane fixing	For direct fixing of connectors in accordance with EN 60603-2 (DIN 41612)	Front horizontal rails
		 04400001	 04400002	 04400003	 04400003
		 06197011	 06197013	 06197015	 06197008
		Al extrusion, anodised finish, conductive contact surface, with printed HP markings	Al extrusion, anodised finish, conductive contact surface, with printed HP markings	Al extrusion, anodised finish, conductive contact surface, with printed HP markings	Al extrusion, anodised finish, conductive contact surface, with printed HP markings
Usable length HP	Length mm	1 piece (SPQ 10) ¹⁾	1 piece (SPQ 10) ¹⁾	1 piece (SPQ 10) ¹⁾	1 piece (SPQ 10) ¹⁾
28	147.32	34560-528	34560-728	34560-928	34560-228
42	218.44	34560-542	34560-742	34560-942	34560-242
63	325.12	34560-563	34560-763	34560-963	34560-263
84	431.80	34560-584	34560-784	34560-984	34560-284
Torx countersunk screw, , M4 × 14, St, zinc-plated, PU 100 pieces		24571-371	24571-371	24571-371	24571-371
Torx countersunk screw, , M4 × 10, St, zinc-plated, required if guide rail is screwed to slot 1, PU 100 pieces		–	–	24571-372	24571-372
Z-rail for connector mounting without insulation strip see page		5.91	–	–	–
Insulation strips see page		–	5.90	–	–
Threaded inserts see page		5.90	5.90	5.90	5.90

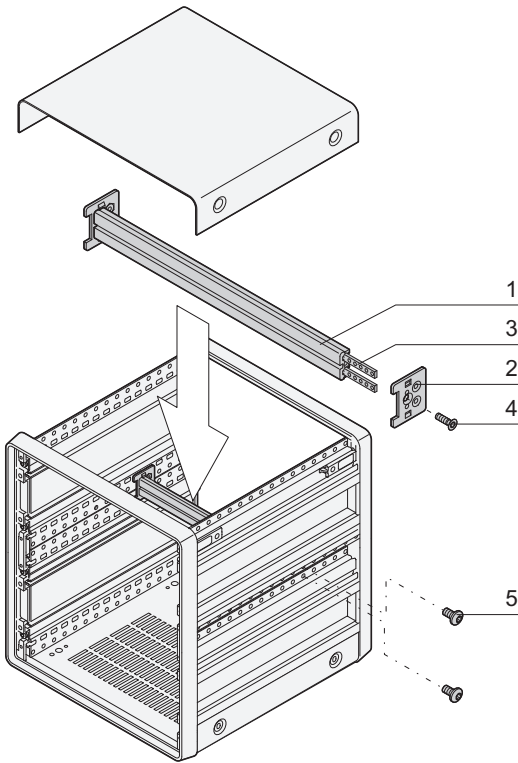
1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

NOTE

- Further horizontal rails, see from page 6.27
- Fitting options, see page 5.88

Desk-top cases – CompacPRO

HORIZONTAL RAIL, CENTRE, TYPE ST-C



- For indirect backplane mounting (with insulation strip)
- For 6 U compacPRO case

DELIVERY COMPRISES (Kit, items 1 to 4 are pre-mounted)

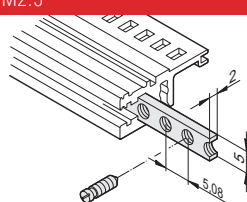
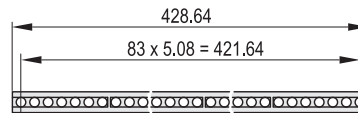
Item	Qty	Description
1	1	Horizontal rail, Al extrusion, anodised, contact surfaces conductive
2	2	Adaptor plate, Al
3	2	Threaded insert, M2.5, St, zinc-plated
4	2	Countersunk screw, M4 x 14
5	4	Panhead screw, M4 x 6

ORDER INFORMATION

Usable width	Length	Part no.
HP	mm	
63	325.1	24575-454
84	431.8	24575-474

THREADED INSERTS, PERFORATED STRIPS, INSULATION STRIPS

ORDER INFORMATION

		Threaded insert		Insulation strip	
		M2.5	M3		
		 06103056 required for fixing the front panel to the horizontal rail; St, zinc-plated; Use collar screw 12.3 mm, see page 6.64		 BZ6749 for insulated mounting of backplane; PC, UL 94 V-0, grey	
Usable length HP	Threaded insert		Insulation strip		
	Length mm	1 piece (SPQ 10) ¹⁾	1 piece (SPQ 10) ¹⁾	Length mm	PU 10 pieces
28	146.82	34561-328	–	144.20	24560-828
42	217.94	34561-342	–	210.40	24560-842
63	324.62	34561-363	–	316.88	24560-863
84	431.30	34561-384	34561-484	428.64	24560-884

Accessories

Grub screw M2.5 x 8, PU 100 pieces	21100-276	–	–
Grub screw M3 x 8, PU 100 pieces	–	21100-646	–

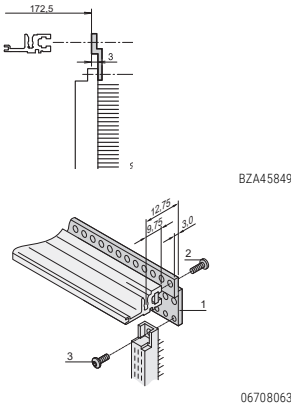
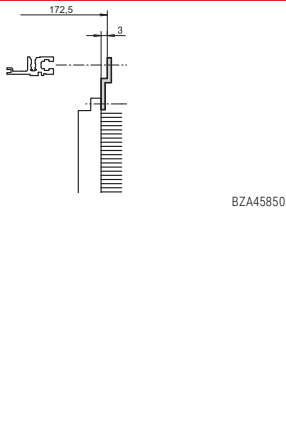
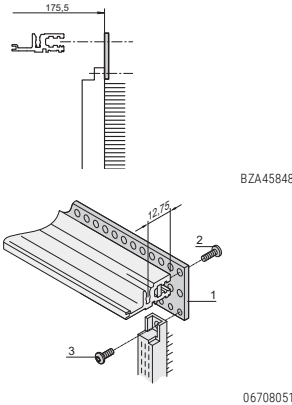
1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

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

Desk-top cases – CompacPRO

Z-RAILS, PERFORATED RAILS

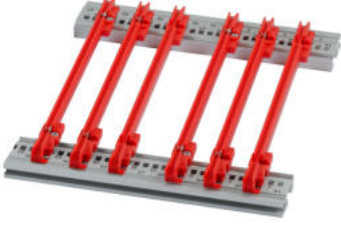
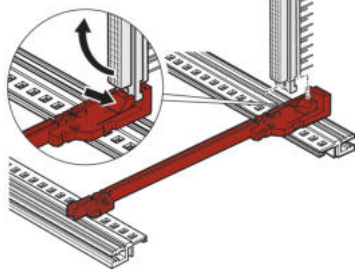
ORDER INFORMATION

		Z-rail for connectors DIN EN 60603-2, DIN 41612 item 1	31-pin, DIN 41617	Perforated rail EN 606032, DIN 41612 item 1
		 for connector mounting on ST horizontal rails, please order threaded insert and screw separately	 for connector mounting on ST horizontal rails, please order threaded insert and screw separately	 for connector mounting on VT horizontal rails, please order threaded insert and screw separately
Usable length HP	Length mm	1 piece	1 piece	PU 4 pieces
28	142.24	30822-033	–	20822-049
42	213.36	30822-047	–	20822-050
60	304.80	30822-065	30819-783	20822-047
84	426.70	30822-089	30819-808	20822-048
Item 3, Torx panhead screw to fix connector to perforated rail,, M2.5 × 7, PU 100 pieces		24560-147	24560-147	24560-147
Item 2, Torx panhead screw, to fix perforated rails to horizontal rail, M2.5 × 10, PU 100 pieces		24560-148	24560-148	24560-148

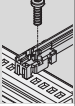
Desk-top cases – CompacPRO

GUIDE RAILS FOR PLUG-IN UNITS AND MODULES, ONE-PIECE, GROOVE WIDTH 2 MM AND 2.5 MM

ORDER INFORMATION

			For plug-in units and frame type plug-in units standard	standard, with DIN connector fixing
Assembly - can be clipped into Al extruded horizontal rails - can be clipped into 1.5 mm thick plates Storage temperature from -40 °C ... 130 °C			 up to 220 mm length, PC, UL 94 V-0; from 280 mm length, multi-piece, end piece PC, UL 94 V-0, central section Al extrusion	 PBT, UL 94 V-0, red, connector is clipped directly onto the guide rails; for euroboards, 100 x 160 mm or 100 x 220 mm only
Board length mm	Groove width mm	Colour mm	PU 10 pieces	1 pair (SPQ 10) ¹⁾
70	2	red	–	–
70	2	grey	–	–
160	2	red	24568-361	64560-074
220	2	red	24568-362	64560-075
280	2	red	24568-379	–
340	2	red	24568-380	–
160	2.5	red	–	–
220	2.5	red	–	–
Dimension drawings see page			6.40	6.40

Accessories

Retention screw, PU 100 pieces		24560-141	24560-141
ESD clip, PU 50 pieces		24560-255	24560-255

1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

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

Description of accessories see from page 6.41

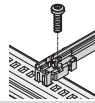
Desk-top cases – CompacPRO

GUIDE RAILS TYPE "ACCESSORY", ONE-PIECE, GROOVE WIDTH 2 MM AND 2.5 MM

ORDER INFORMATION

			Guide rails type accessory	accessory, strengthened	for heavy modules, Al extrusion, silver, robust version
Assembly - can be clipped into horizontal rails in Al extrusion - can be clipped into 1.5 mm thick sheet metal Storage temperature from -40 °C ... +130 °C			 up to 280 mm length, PC UL 94 V-0; >280 mm length, multi-piece, end piece PC, UL 94V-0, middle section Al extrusion	 PC UL 94 V-0, red support beam of guide rails adds to strengthening	 Al extrusion; is screwed to horizontal rail "heavy" with retention screws
Board length mm	Groove width mm	Colour mm	PU 10 pieces	1 piece (SPQ 50)	1 piece (SPQ 10) ¹⁾
100	2	red	–	–	–
160	2	red	24568-363	64568-076	–
160	2	grey	–	–	34562-881
220	2	red	24568-364	64568-078	–
220	2	grey	–	–	34562-882
280	2	red/silver	24568-381	64568-080	34562-883
340	2	red/silver	24568-382	–	34562-884
400	2	red/silver	–	–	34562-885
160	2.5	red/silver	–	64568-118	34564-881
220	2.5	red/silver	–	64568-119	34564-882
280	2.5	red/silver	–	64568-120	34564-883
340	2.5	silver	–	–	34564-884
400	2.5	silver	–	–	34564-885
Dimension drawings see page			6.40	6.40	6.40

Accessories

Retention screw, PU 100 pieces		24560-141	24560-141	24560-157
ESD clip, PU 50 pieces		24560-255	24560-255	–
Board locking C, red, PU 10 pieces		24560-377	24560-377	–
Board handle C, red, PU 10 pieces		24560-378	24560-378	–
Identification strips for board handle, red, PU 1 sheet = 438 pieces		60817-228	60817-228	–
Coding see page		see page 6.41		–

1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

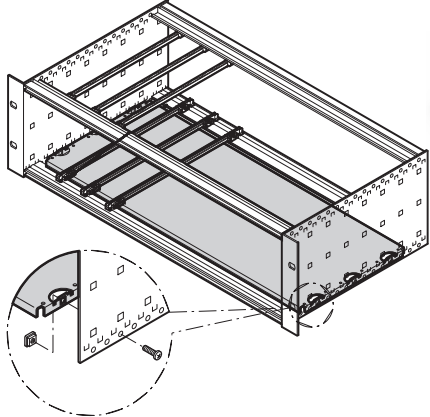
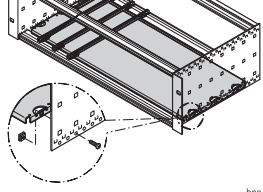
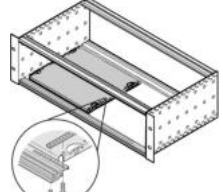
2) Part no. includes one packing unit (PU); delivery is exclusively made in PU

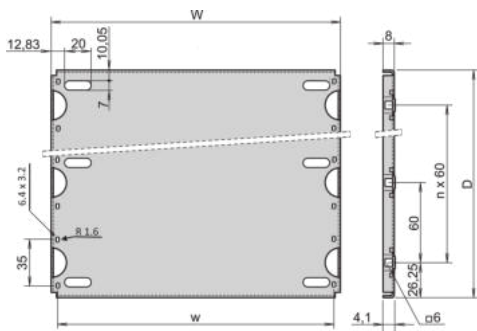
Further guide rails see page 6.35

Desk-top cases – CompacPRO

MOUNTING PLATES

ORDER INFORMATION

				Mounting plate		
				Mounting plate, total width	Mounting plate, partial width	
 bpa45875				 Al, 1.5 mm; Please order mounting kit for total width separately Torque Moment: 1.5Nm	 Al, 1.5 mm; Please order mounting kit for partial width separately Torque Moment: 1.5Nm and 0,37Nm	
Width W HP	W mm	Depth mm	Board length mm		1 piece	1 piece
28	146.88	112.5	160		34562-745	34562-745
28	146.88	172.5	220		34562-749	34562-749
28	146.88	232.5	280		34562-753	34562-753
28	146.88	292.2	340		34562-757	34562-757
42	217.99	112,5	160		34562-746	34562-746
42	217.99	172,5	220		34562-750	34562-750
42	217.99	232,5	280		34562-754	34562-754
42	217.99	292,2	340		34562-758	34562-758
63	324.67	112,5	160		34562-747	34562-747
63	324.67	172,5	220		34562-751	34562-751
63	324.67	232,5	280		34562-755	34562-755
63	324.67	292,2	340		34562-759	34562-759
84	431.35	112,5	160		34562-748	–
84	431.35	172,5	220		34562-752	–
84	431.35	232,5	280		34562-756	–
84	431.35	292,2	340		34562-760	–
84	431.35	352,5	400		34562-870	–
84	431.35	412,5	460		34562-871	–
Assembly kit for mounting plate, PU 1 kit (Torx countersunk screw M4 x 5, St, zinc-plated, 16 pieces; screw M4 x 6, St, zinc-plated, 14 pieces; square nut M4, St, zinc-plated, 14 pieces)					24560-184	–
Assembly kit for mounting plate, partial width, PU 1 kit 2 x St, threaded inserts 13HP, 5,0 x 2,0 mm, zinc plated; M2,5mm, 6 x screw M2,5x6, (0,37Nm) 5 x square nut M4, 5 x screw M4x6 (1,5Nm) 1 x User manual					–	24560-127



06103057

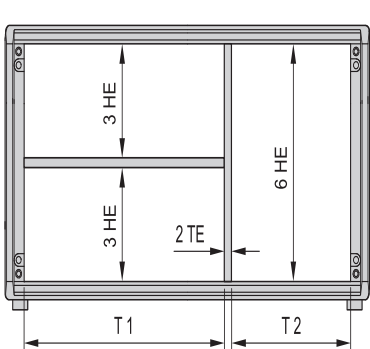
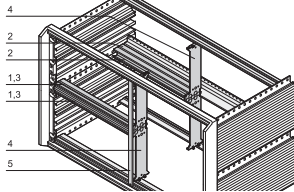
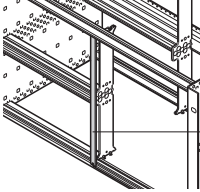
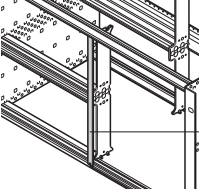
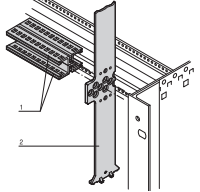
NOTE

- For installation and fixing of heavy components
- In addition to the mounting plate, (EMC) cover plates can also be fitted to the subrack
- The mounting plate is as wide as the subrack or system case and is fixed to the side panels
- A guide rail can be fitted on the first and last slot
- Guide rails type "4.4" and type "strengthened" cannot be used

Desk-top cases – CompacPRO

COMBINED MOUNTINGS (6 U AND 2 X 3 U ONE ABOVE THE OTHER)

ORDER INFORMATION

	Combined mounting: horizontal and vertical subdivision (incl. front panel for stainless steel EMC gasket)	unshielded front panel, 6 U, 2 HP item 6	front panel for textile EMC gasket, 6 U, 2 HP item 6	Splitting extrusion for combined mounting Item 2
	 item 1: 2 front horizontal rails (H-KD), Al extrusion, anodised; item 2: 2 rear horizontal rails (AB), Al extrusion, anodised; item 3: threaded insert, St, zinc-plated; item 4: Zn die-cast support member; item 6: front panel 2 HP, 6 U, shielded; with EMC stainless steel gasket (84:0 without items 4, 6)	 Al, 2.5 mm, front anodised, rear iridescent green chromated	 Al, 2.5 mm, U-profile with notch, 6 U, 2 HP	 6 U, die-cast zinc; splitting extrusion is inserted in the grid holes of the horizontal rail; the splitting extrusion can be bolted
Width pitch T1:T2 HP	PU 1 kit	1 piece (SPQ 5)	1 piece (SPQ 5) ¹⁾	1 piece
20:62	24562-420			
40:42	24562-440			
42:40	24562-442	30847-472	30849-140	64560-010
63:19	24562-463			
84:0	24562-484			
Torx countersunk screw M4 x 14, zinc-plated, PU 100 pieces fixing splitting extrusion/horizontal rail	–	–	–	24560-145
Panhead screw M2.5 x 10, St, zinc-plated, PU 100 pieces finxing horizontal rail/splitting extrusion	–	–	–	24560-179
Pozidrive/slotted collar screw M2.5 x 12.3, St, nickel-plated, PU 100 pieces	–	21101-101	21101-101	–
Pozidrive/slotted collar screw M2.5, black, zinc-plated, PU 100 pieces	–	21101-102	21101-102	–
Washer 2.7 x 5 x 1, plastic PA 6, PU 100 pieces	–	21101-121	21101-121	–
Textile gasket, core: foam, sleeve: textile cladding with CuNi coating, UL 94 V-0, PU 10 pieces	–	–	21101-855	–

- Subdivision of the 6 U assembly area into:
 - 2 x 3 U
 - 1 x 6 U
- Designed to accept Euroboards (100 mm high) and double Euroboards (233.35 mm high)

NOTE

- Please order perforated strips for horizontal rails separately, see page 5.90
- Please order rear centre horizontal rail separately, see page 5.89

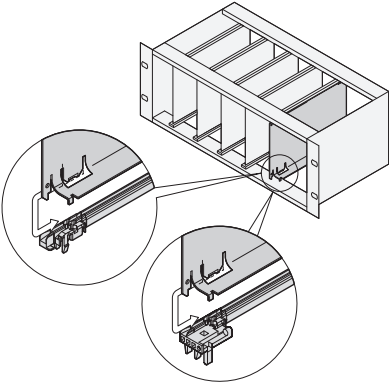
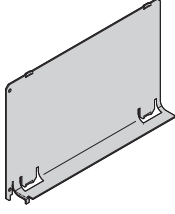
ORDER INFORMATION

* For direct backplane mounting

Desk-top cases – CompacPRO

AIR BAFFLE FOR SLOTS

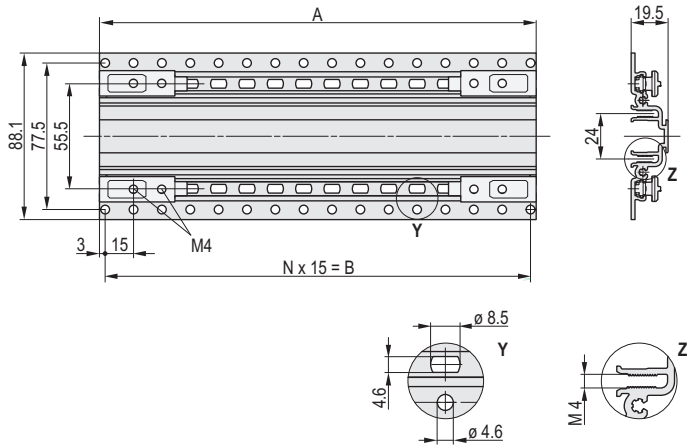
ORDER INFORMATION

			Air baffle without front panel
			 Al, 1 mm, incl. assembly kit; prevents an air short circuit in unoccupied slot positions; is pushed into the groove of the guide rails
06101507			
Depth mm	Width HP	Height U	1 piece
160	4	3	34562-823
160	4	6	34562-826
220	4	3	34562-824
220	4	6	34562-827

Desk-top cases – CompacPRO

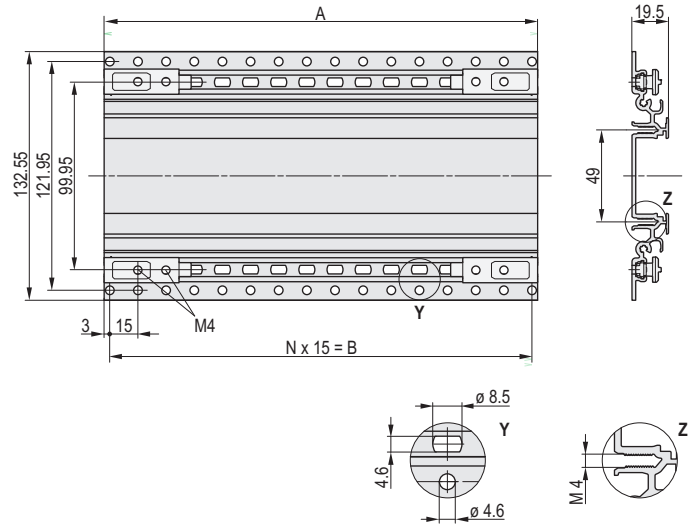
DIMENSIONS

Extruded side panel 2 U



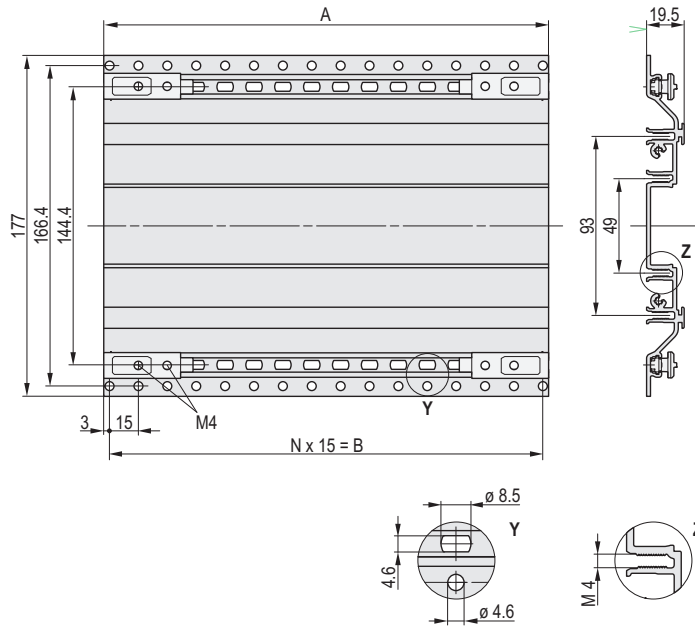
02004057

Extruded side panel 3 U



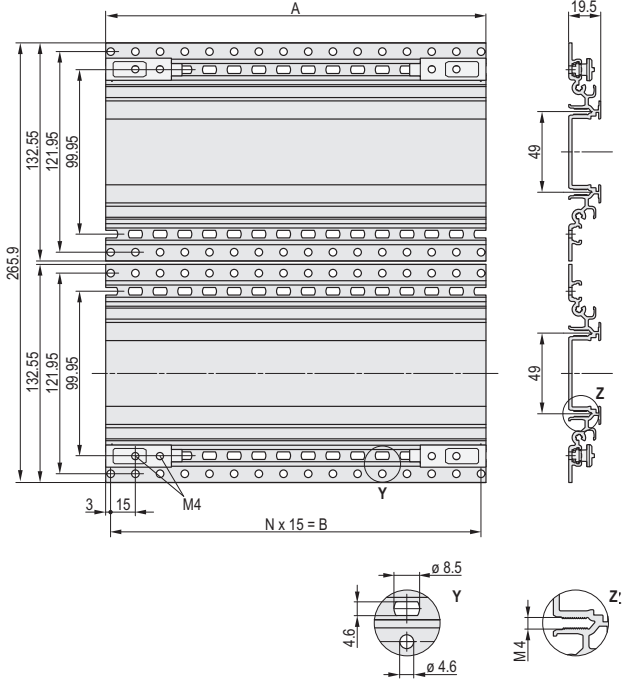
02004058

Extruded side panel 4 U



02004059

Extruded side panel 6 U



02004060

Dimensions

For case depth	Max. mounting depth	Dimensions	
mm	mm	A in mm	B in mm
271	250	231	15 15 = 225
331	310	291	19 15 = 285
391	370	351	23 15 = 345
451	430	411	27 15 = 405
511	490	471	31 15 = 465

Note

Side panel for 6 U case consists of two 3 U extruded side panels

Desk-top cases – CompacPRO

Desk-top cases – Introduction

CASE TYPES: DESK-TOP ENCLOSURE/19" CASE



Desk-top enclosure, ratiopacPRO

19" case, comptec

Desk-top enclosures

Our desk-top cases are used to house PCBs (euroboards) or individual components

The choice is yours:

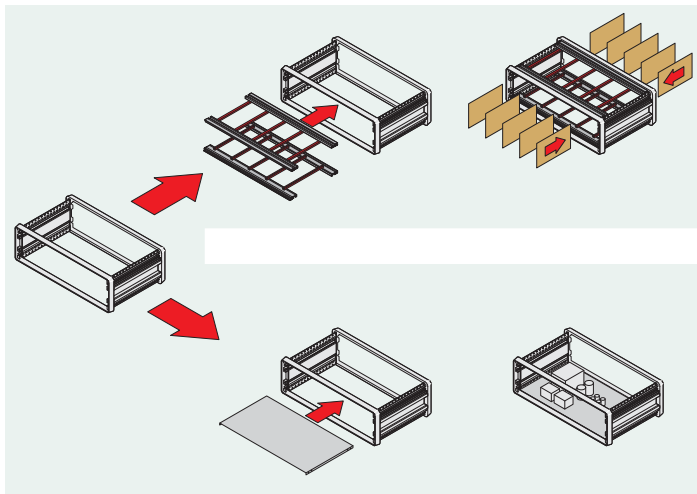
- ratiopacPRO, the universal case with 19" compatible dimensions and high EMC shielding, e.g. for CompactPCI and VME64x applications
- propacPRO, the robust case with high EMC shielding for 19"-compatible or custom electronics assemblies
- compacPRO, Desk-top or portable case for unshielded applications

19" cases

Our comptec cases are comparable with small cabinets and are used to house 19" components such as subracks, 19" fan trays or 19" front panels

All desk-top enclosures have a very low weight owing to the materials used and are also suitable for mobile use

APPLICATIONS FOR DESK-TOP ENCLOSURES



The most important user domains for desk-top enclosures are:

- Fitting with euroboards in accordance with IEC 60297



- Fitting with individual electrical or mechanical components, e.g. on mounting plates



ONE PRODUCT PLATFORM AND EXTENSIVE ACCESSORIES



- Practical technology without time-consuming assembly. The modular product platform of these cases allows a wide range of possible uses with only a small number of components.

The intelligent design of all components results in an astonishingly quick and easy assembly of the components.

With our PRO product platform we offer you full compatibility of all individual components and accessories, also with our europacPRO subracks.

Standard desk-top enclosures can also be adapted easily and with little effort for mobile applications.

Desk-top cases – Introduction

FORMS OF DELIVERY FOR DESK-TOP ENCLOSURES



Flat pack delivery to save space

06104001

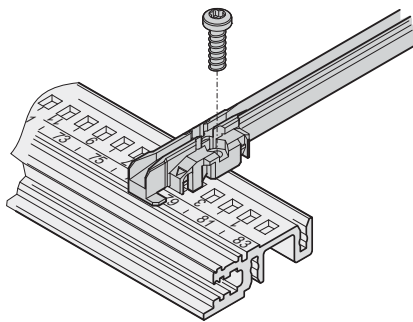
Supplied in space-saving packs. Simply unpack parts and screw together - done.

Depending on the kit chosen the threaded insert, the perforated rail or the EMC gasket is pre-assembled on the horizontal rail.

We offer you three forms of delivery:

- Pre-assembled kit for use with 160 mm deep euroboards, frame fitted, cladding parts and guide rails supplied loose.
- Pre-assembled kit for individual configuration, frame assembled, cladding parts supplied loose.
- Ready assembled cases to your specifications. With our ServicePLUS option you can order ready-assembled cases, with drilled holes and cut-outs and individual front panels - if necessary even by express service.

GUIDE RAIL



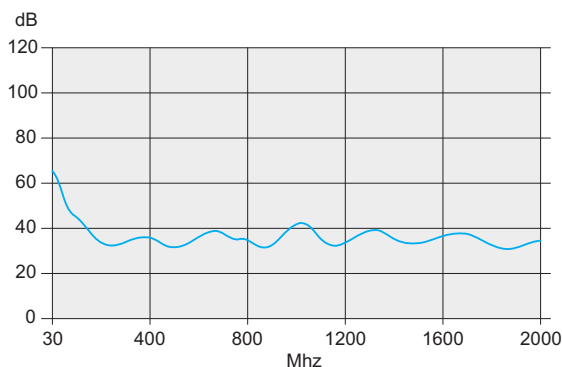
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- Guide rails form the interface between the mechanics of the case and the electronics assembled (PCBs, plug-in units, frame type plug-in units, drive unit modules, etc.).

Robust snap-in fixings on the plastic rails assure that the components are held securely, even when exposed to vibrations.

Guide rails can also be screwed on.

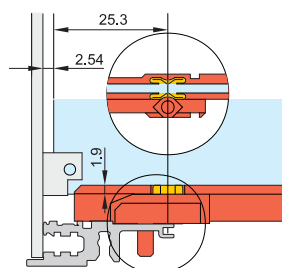
EMC AND ESD



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Shielding

- Our case product platforms offer standard solutions for achieving electromagnetic compatibility (EMC) and to avoid electrostatic interference (ESD)
- Shielding on the front and rear of the case is effected by front panels with EMC gaskets
- To prevent electrostatic discharge when inserting PCBs, ESD contacts are clipped into the guide rails. These provide a conductive connection between board and case earth/ground
- Test reports are available on our website www.schroff.biz for download



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Position of the ESD clip

Desk-top cases – ServicePLUS

Application examples



Application: ratiopacPRO-air case in special colour, shielded board cage, filter mat top and bottom

01809001



Application: ratiopacPRO-air case with processed front and rear panels

01809003



Application: compacPRO case, modified

02009001



Application: compacPRO case with fitted horizontal rail with lip and hinged front panel

02009003



Application: compacPRO case with fitted horizontal rail with lip and folding front panel

02009002



Application: compacPRO with tip-up carrying handle and front panel (without visible screws)

02009004



Application: inpac case with hinged and modified front and rear panels

02109001



Application: propacPRO, EMC case in special colour with mounting plates for individual construction

05809005

Desk-top cases – ServicePLUS

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