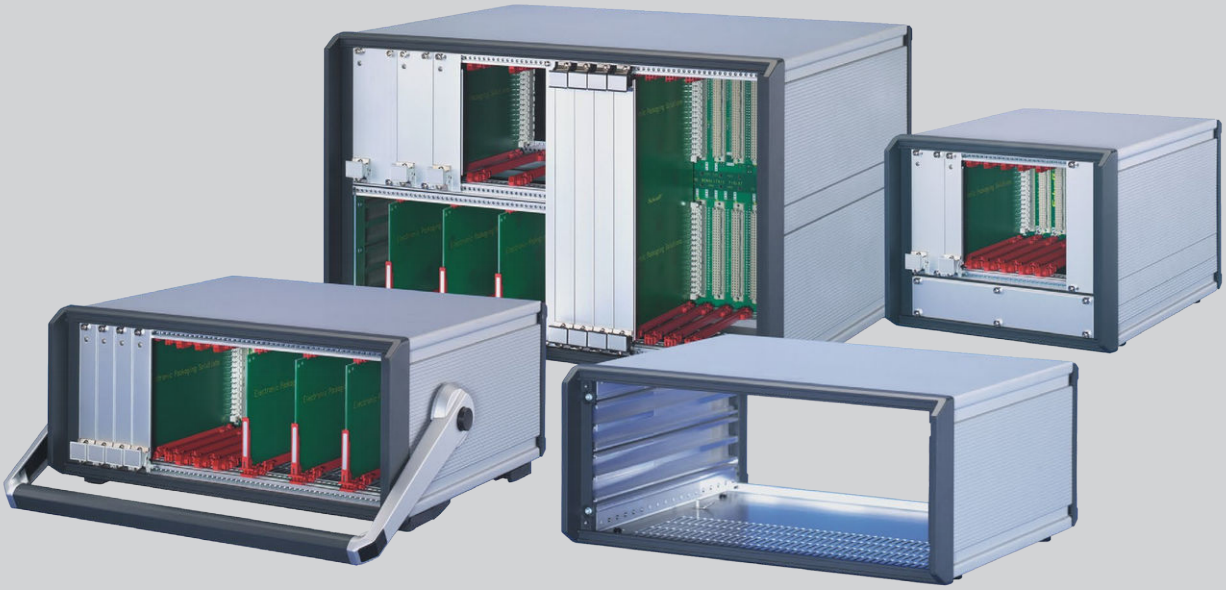


CONNECT AND PROTECT

PropacPRO

09/2021

nVent
SCHROFF

Desk-top cases – PropacPRO

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

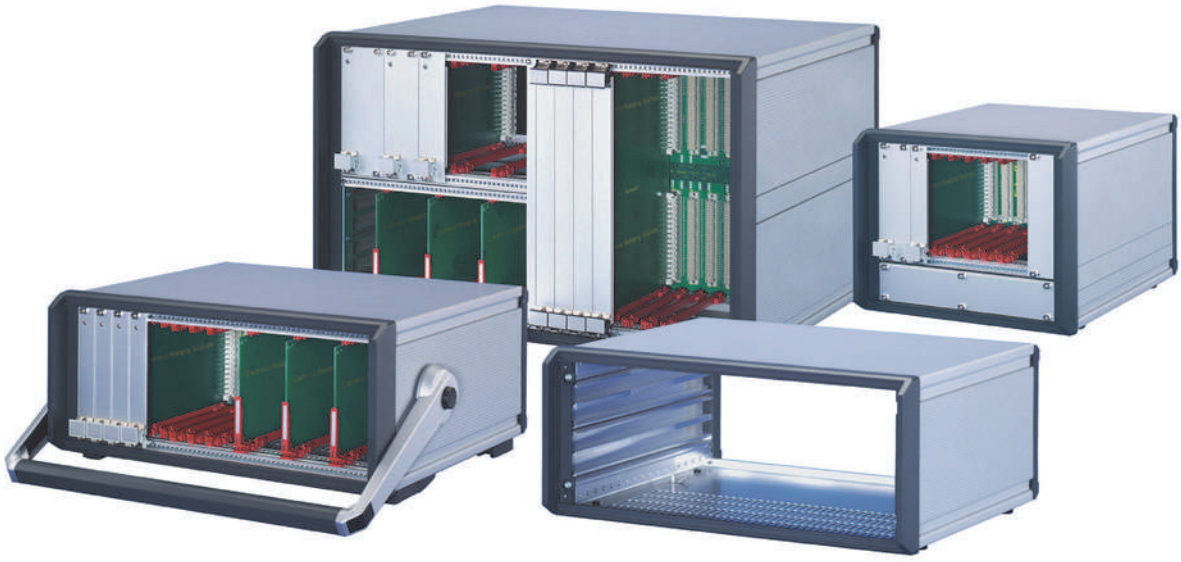
Systems 8

Power supply units 9

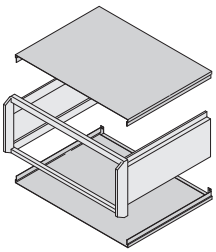
Backplanes 10

Connectors, front panel component system 11

Appendix 12

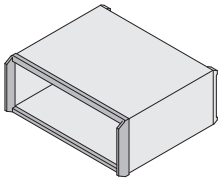


05809001



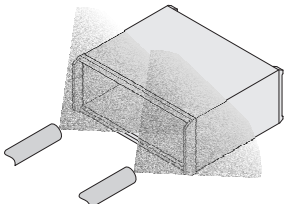
05806052

Easy access provided by removable cladding parts



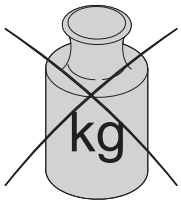
05806050

Extremely robust one-piece die-cast frame



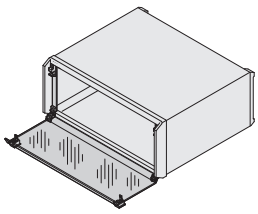
05806055

Non-sensitive, scratch-resistant finish through powder coating



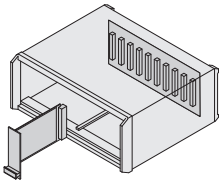
05806056

Low weight



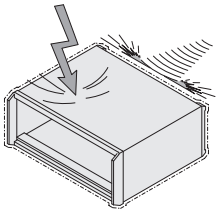
05806054

Wide accessory programme with acrylic glass front hoods, carrying handles, ...



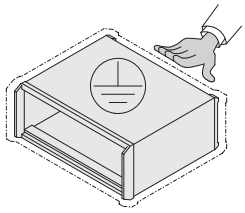
05806053

Assembly possibility for euroboards and backplanes



05806051

EMC version



noa44075

VDE-compliant GND/earthing

STANDARDS

- Internal dimensions in accordance with IEC 60297-3-101
- Ingress protection IP 20 in accordance with IEC 60529
- EMC test in accordance with VG 95373 part 15
- 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

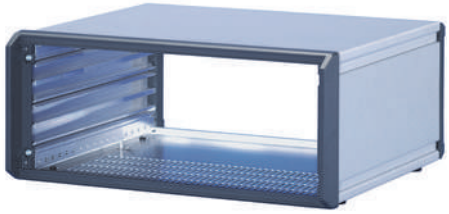
Desk-top cases – PropacPRO

OVERVIEW

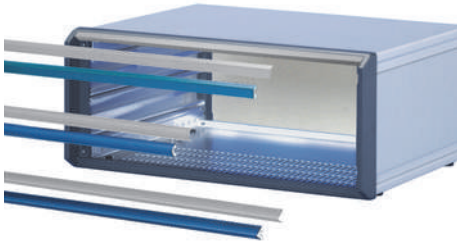
ALUMINIUM CASE FOR 19" COMPONENTS TO IEC 60297-3-100 OR INDIVIDUAL ELECTRONICS ASSEMBLIES

- Front frame and side panels in aluminium
- Extensive accessories, matched to portable applications
- Basic level shielding from basic versions up, extended EMC shielding retrofittable
- Design alternative to compacPRO





05809003 05806003



05809002

DESKTOP CASES

- **Complete case (pre-assembled)**
  - Prepared for 19" components to IEC 60297 for installation of euro-boards
  - Basic level shielding from basic versions up, extended EMC shielding retrofittable
  - Height 3 U, 6 U
- **Cases**
  - Pre-assembled cases as basis for individual components or 19" components (IEC 60297)
  - Basic level shielding from basic versions up, extended EMC shielding retrofittable
  - Height: 2 U, 3 U, 4 U, 6 U
  - 3 U and 4 U cases prepared for tip-up carrying handle

ACCESSORIES

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

30407004

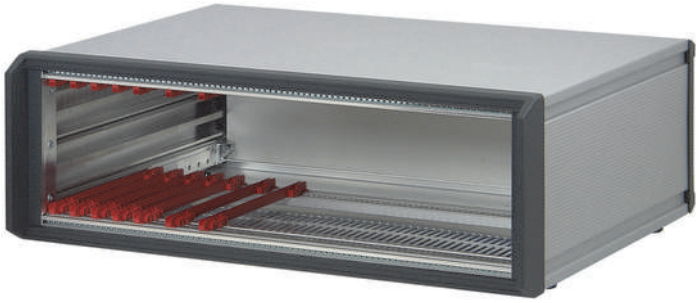
Overview **5.44**

propacPRO
Complete cases 3, 6 U, unshielded/ shielded **5.46**
Cases 2, 3 U **5.50**
Cases 4, 6 U **5.51**
Cases for tip-up carrying handle 3, 4 U. **5.52**
Dimensions **5.53**
EMC shielding **5.55**

Accessories
Front panels **5.54**
Rear panels **5.55**
Design elements ... **5.58**
Lateral covers **5.59**
Handles **5.60**
Air filters **5.61**
Hoods **5.62**
Mounting plates ... **5.64**
GND/earthing kit ... **5.65**
Cable holder **5.65**
Mounting position horizontal/central rails **5.66**
Horizontal rails **5.67**
Threaded inserts .. **5.68**
Z-rails, perforated rails **5.69**
Combined mounting **5.70**
Horizontal board assembly **5.71**
Tip-up feet **5.72**
Guide rails and ESD clips **5.73**
Divider plates **5.75**
Air flow barrier **5.75**

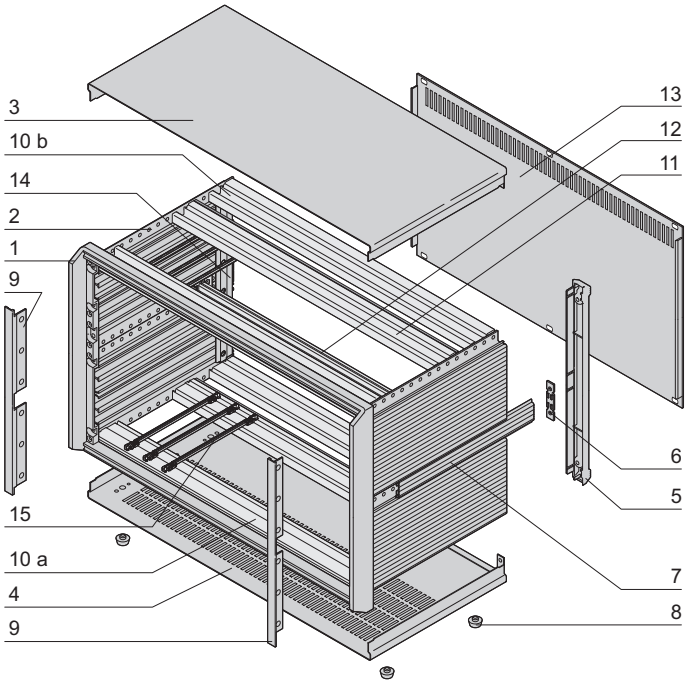
Desk-top enclosure – PropacPRO

COMPLETE CASE, EMC SHIELDED



05809004

3 U



05806106

Maximum mounting depth = D - 45
(Distance: front panel - rear panel)

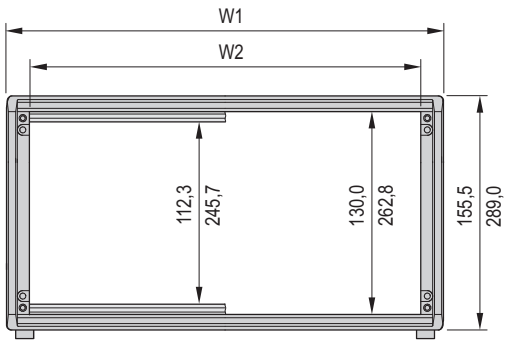
- Desk-top case with pre-configured components, in accordance with IEC 60297-3-101; prepared for 19" components such as plug-in units and euroboards
- Ventilation slots in base plate
- Rear panel with vent slots

DELIVERY COMPRISES (Items 1-7, 9 and 10 fitted)

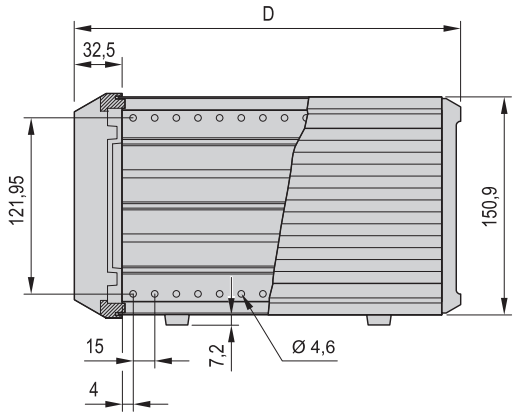
Item	Qty 3 U	Qty 6 U	Description
1	1	1	Frame, Al die-cast, powder-coated, RAL 7016
2	2	4	Side panel, Al extrusion, powder-coated, RAL 9006, with EMC side panel gasketing
3	1	1	Cover plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag
4	1	1	Base plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag, base plate with 4 rows of ventilation slots
5	2	2	End piece for rear, ABS, RAL 7016, UL 94 V-0; can be used as a foot when case is used in vertical position
6	-	2	Adaptor bracket (only at 6 U)
7	-	2	Cover trim for side panel, Al extrusion, powder-coated, RAL 9006
8	4	4	Case foot with anti-slip protection, PC, black, UL 94 V-0
9	2	2	Lateral trim, Al extrusion, visible surface painted, RAL 7016 with EMC sealing (textile)
10a	2	2	Horizontal rail, Al extrusion, with threaded insert, St, M2.5; perforated strip, Al, 1 mm, EMC contact strip between front panel - horizontal rail - cover plate
10b	2	2	Horizontal rail, Al extrusion, with threaded insert, St, M2.5; EMC contact strip between rear panel - horizontal rail - cover plate
11	2	2	Centre horizontal rail top/bottom, Al extrusion, with threaded insert, St, M2.5 and insulation strip, PBT, UL 94 V-0 (for indirect backplane mounting); enclosed loose
12	-	1	Centre horizontal rail, Al extrusion, anodised, conductive surfaces, with two threaded inserts, St, M2.5 and two insulation strips, PC, UL 94 V-0
13	1	1	Rear panel with perforation, Al, 2.5 mm, anodised, with EMC sealing (textile) affixed
14	2	2	EMC support profile rear, Al extrusion, EMC sealing (textile) affixed
15	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
16	1	1	GND/earthing kit
17	1	1	Assembly kit

Desk-top enclosure – PropacPRO

COMPLETE CASES, EMC SHIELDED

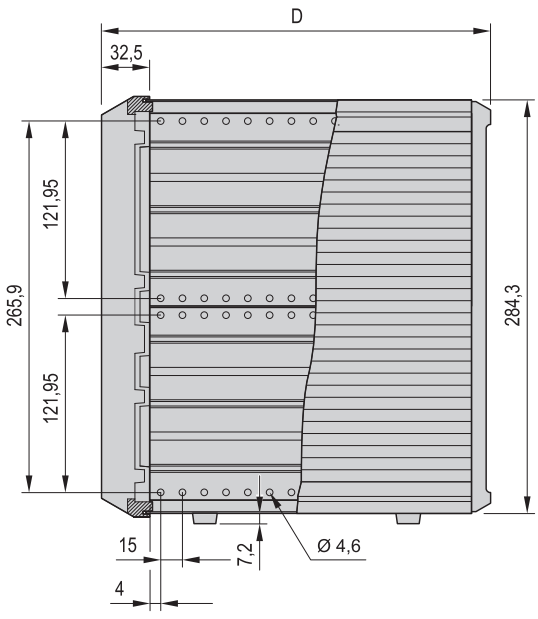


05809051



05806060

3 U



05806062

6 U

ORDER INFORMATION

Usable width W2 HP	W2 mm	Width W1 W1 mm	Depth D D mm	Height U	Part no.
28	147.3	185.9	266	3	**24576-101**
28	147.3	185.9	326	3	**24576-102**
42	218.4	257	266	3	**24576-103**
42	218.4	257	326	3	**24576-104**
42	218.4	257	386	3	**24576-105**
63	325.1	363.7	266	3	**24576-106**
63	325.1	363.7	326	3	**24576-107**
63	325.1	363.7	386	3	**24576-108**
84	431.8	470.3	266	3	**24576-109**
84	431.8	470.3	326	3	**24576-110**
84	431.8	470.3	386	3	**24576-111**
84	431.8	470.3	446	3	**24576-112**
84	431.8	470.3	506	3	**24576-113**
84	431.8	470.3	326	6	**24576-121**
84	431.8	470.3	446	6	**24576-122**

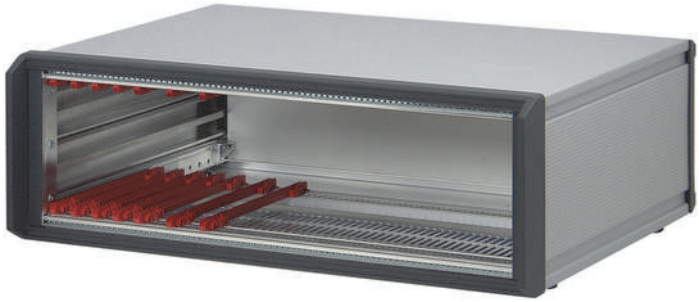
NOTE

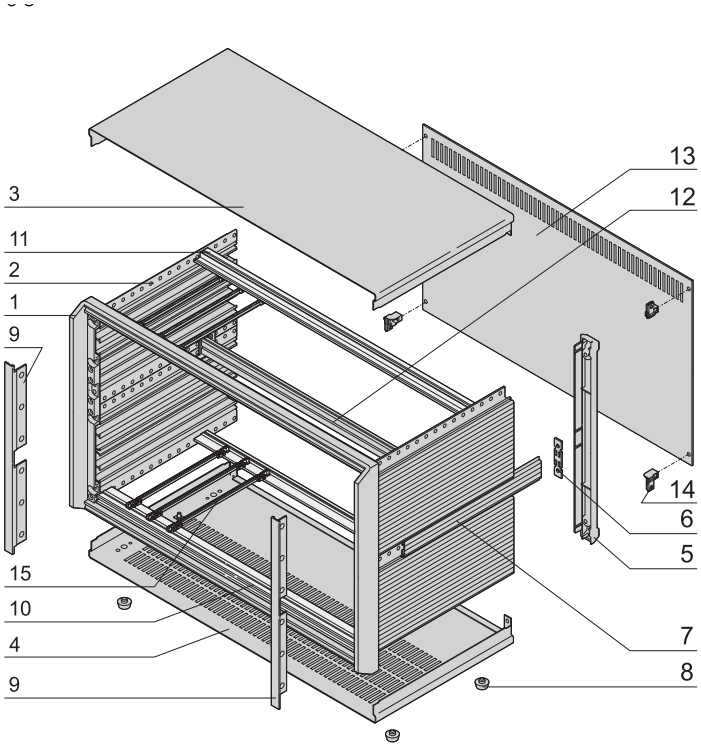
- Dimension drawings of side panel see from page 5.53

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

COMPLETE CASES, UNSHIELDED





Maximum mounting depth = D - 45
(Distance: front panel - rear panel)

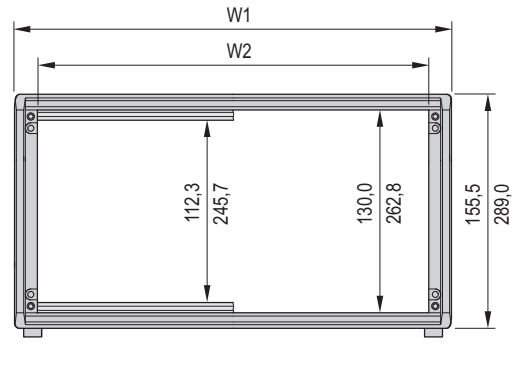
- Desk-top case with pre-configured components, in accordance with IEC 60297-3-101; prepared for 19" components such as plug-in units and eu-roboards
- Ventilation slots in base plate
- Rear panel perforated

DELIVERY COMPRISES (Items 1-7, 9 and 10 fitted)

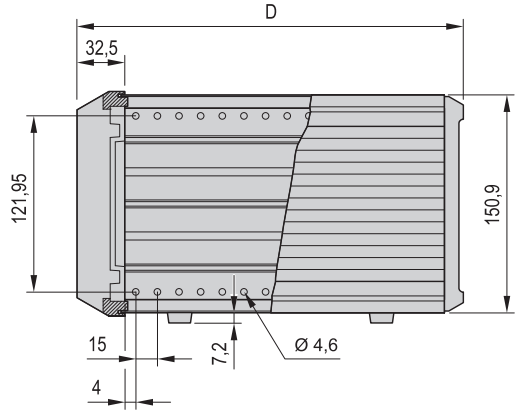
Item	Qty 3 U	6 U	Description
1	1	1	Frame, Al die-cast, powder-coated, RAL 7016
2	2	4	Side panel, Al extrusion, powder-coated, RAL 9006
3	1	1	Cover plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag
4	1	1	Base plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag, base plate with 4 rows of ventilation slots
5	2	2	End piece for rear, ABS, RAL 7016, UL 94 V-0; can be used as a foot for use in vertical position
6	-	2	Adaptor bracket (only at 6 U)
7	-	2	Cover trim for side panel, Al extrusion, powder-coated, RAL 9006
8	4	4	Case foot with anti-slip protection, PC, black, UL 94 V-0
9	2	2	Lateral trim, Al extrusion, visible surface painted, RAL 7016 with EMC sealing (textile)
10	2	2	Horizontal rail, Al extrusion, with threaded insert, St, M2.5
11	2	2	Rear horizontal rail, Al extrusion, with threaded insert, St, M2.5 and insulation strips, PBT, UL 94 V-0 (for indirect backplane mounting)
12	-	1	Centre horizontal rail, Al extrusion, anodised, conductive surfaces, with two threaded inserts, St, M2.5 and two insulation strips, PC, UL 94 V-0
13	1	1	Rear panel with perforation, Al, anodised, 2 mm at 28, 42 and 63 HP, 2.5 mm at 84 HP
14	4	4	Support member for rear panel, Zn die-cast
15	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
16	1	1	GND/earthing kit
17	1	1	Assembly kit

Desk-top enclosure – PropacPRO

COMPLETE CASES, UNSHIELDED

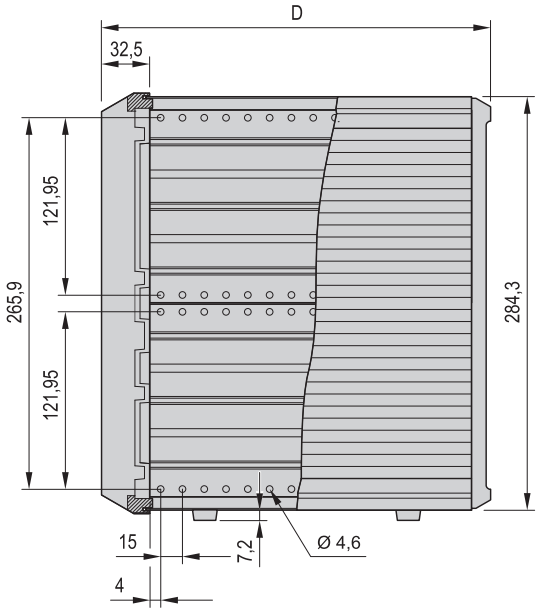


05809051



05806060

3 U



05806062

6 U

ORDER INFORMATION

Usable width W2 HP	W2 mm	Width W1 mm	Depth D mm	Height U	Part no.
28	147.3	185.9	266	3	**24576-001**
28	147.3	185.9	326	3	**24576-002**
42	218.4	257	266	3	**24576-003**
42	218.4	257	326	3	**24576-004**
42	218.4	257	386	3	**24576-005**
63	325.1	363.7	266	3	**24576-006**
63	325.1	363.7	326	3	**24576-007**
63	325.1	363.7	386	3	**24576-008**
84	431.8	470.3	266	3	**24576-009**
84	431.8	470.3	326	3	**24576-010**
84	431.8	470.3	386	3	**24576-011**
84	431.8	470.3	446	3	**24576-012**
84	431.8	470.3	506	3	**24576-013**
84	431.8	470.3	326	6	**24576-021**
84	431.8	470.3	446	6	**24576-022**

Maximum mounting depth = D - 45
(Distance: front panel - rear panel)

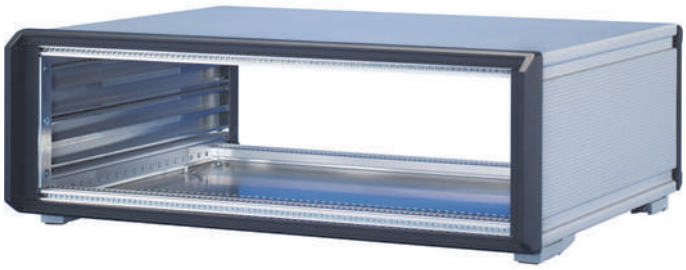
NOTE

- Dimension drawings of side panel see from page 5.53

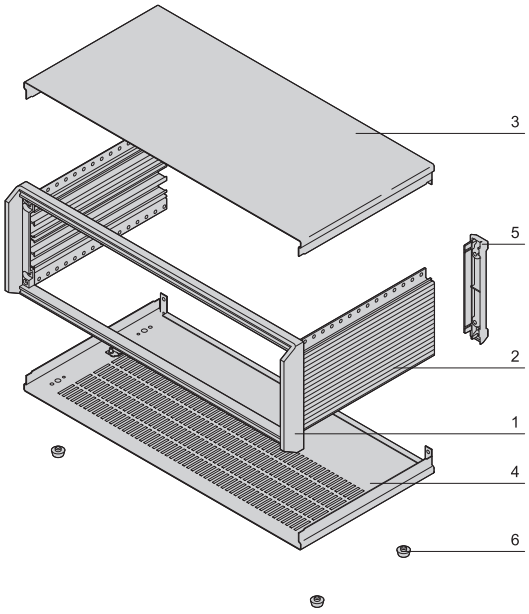
Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

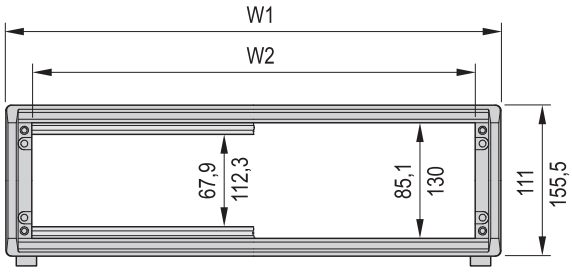
CASES, 2 AND 3 U, UNSHIELDED



05806001

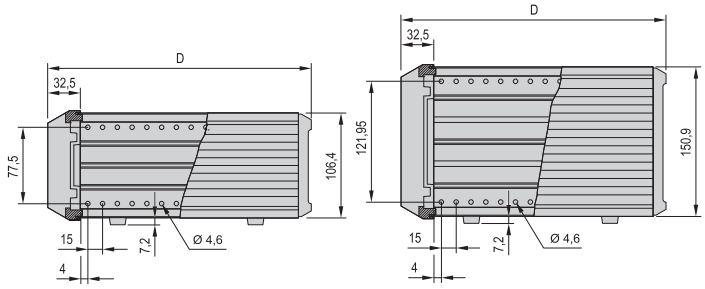


05806057



05806077

Cross-section 2 U, 3 U



05806059 05806060

2 U 3 U

- Ventilation slots in base plate
- Prepared for GND/earthing

DELIVERY COMPRISES (kit, items 1 - 5 fitted)

Item	Qty	Description
1	1	Frame, Al die-cast, powder-coated, RAL 7016
2	2	Side panel, Al extrusion, powder-coated, RAL 9006
3	1	Cover plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag
4	1	Base plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag, base plate with 4 rows of ventilation slots
5	2	End piece for rear, ABS, RAL 7016, UL 94 V-0; can be used as a foot for use in vertical position
6	4	Case foot with anti-slip protection, PC, black, UL 94 V-0
7	1	Assembly kit

ORDER INFORMATION

Usable width W2 HP	W2 mm	Width W1 mm	Depth D mm	2 U Part no.	3 U Part no.
28	147.3	185.9	266	–	14576-101
28	147.3	185.9	326	–	14576-103
42	218.4	257	266	**14576-021**	**14576-121**
42	218.4	257	326	**14576-023**	**14576-123**
42	218.4	257	386	–	**14576-125**
63	325.1	363.7	266	14576-041	14576-141
63	325.1	363.7	326	14576-043	14576-143
63	325.1	363.7	386	**14576-045**	14576-145
84	431.8	470.3	266	–	14576-161
84	431.8	470.3	326	–	**14576-163**
84	431.8	470.3	386	–	14576-165
84	431.8	470.3	446	–	14576-167
84	431.8	470.3	506	–	14576-169

Accessories

GND/earthing kit Cu wire 1.5 mm2, PVC sleeve, green/yellow, links side panels, base, cover and rear panel, piece	PU 1	**21102-001**

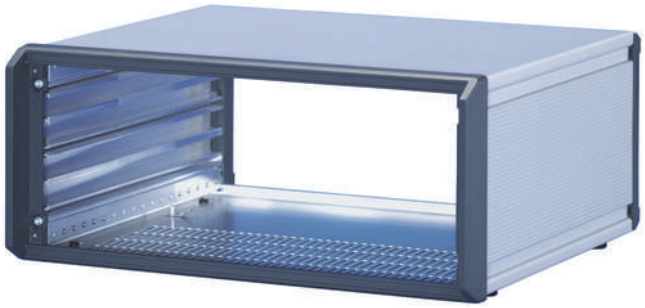
Maximum mounting depth = D - 45
(Distance: front panel - rear panel)

NOTE

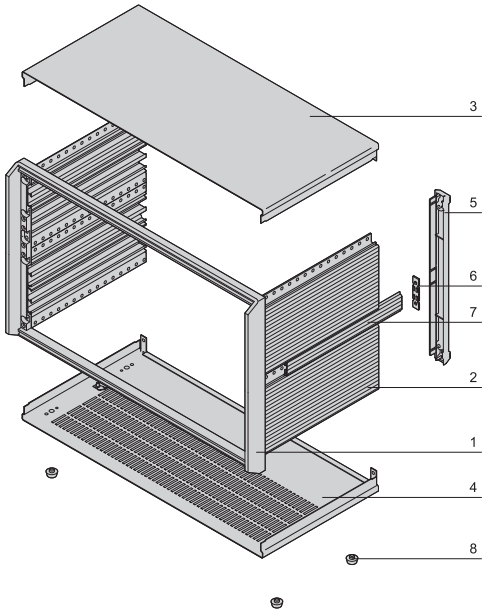
- Case, 3 U with side panel for tip-up carrying handle, see page 5.52
- Dimensions see page 5.48
- Dimensions side panel, see page 5.53

Desk-top enclosure – PropacPRO

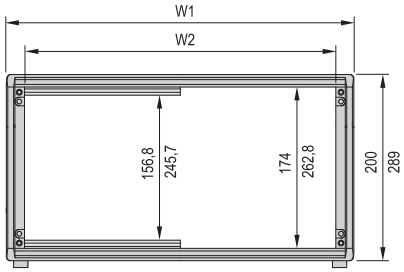
CASES, 4 AND 6 U, UNSHIELDED



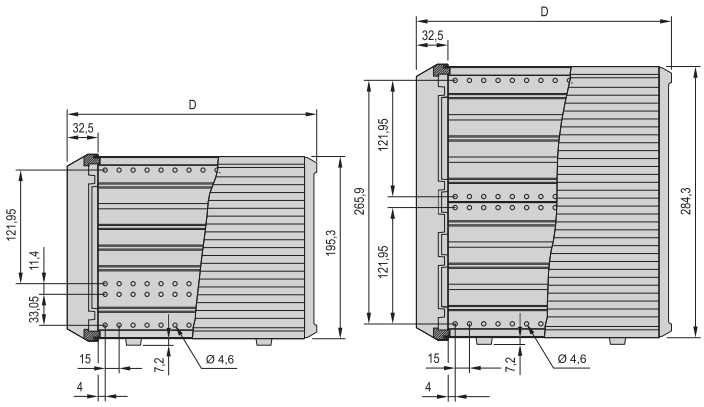
05806003



05806058



05806078



05806061 05806062

4 U 6 U

- Ventilation slots in base plate
- Prepared for GND/earthing

DELIVERY COMPRISES (kit, items 1 - 6 fitted)

Item	Qty 4 U	Qty 6 U	Description
1	1	1	Frame, Al die-cast, powder-coated, RAL 7016
2	2	4	Side panel, Al extrusion, powder-coated, RAL 9006
3	1	1	Cover plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag
4	1	1	Base plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag, base plate with 4 rows of ventilation slots
5	2	2	End piece for rear, ABS, RAL 7016, UL 94 V-0; can be used as a foot for use in vertical position
6	–	2	Adaptor bracket, Al
7	2	2	Cover trim for side panel, Al extrusion, powder-coated, RAL 9006
8	4	4	Case foot with anti-slip protection, PC, black, UL 94 V-0
9	1	1	Assembly kit

ORDER INFORMATION

Usable width W2 HP	W2 mm	Width W1 mm	Depth D mm	4 U Part no.	6 U Part no.
42	218.4	257	266	14576-221	–
42	218.4	257	326	14576-223	–
63	325.1	363.7	266	14576-241	–
63	325.1	363.7	326	14576-243	–
63	325.1	363.7	386	**14576-245**	–
63	325.1	363.7	446	14576-247	–
84	431.8	470.3	326	–	14576-463
84	431.8	470.3	386	14576-265	14576-465
84	431.8	470.3	446	14576-267	14576-467
84	431.8	470.3	506	14576-269	14576-469
Accessories					
GND/earthing kit Cu wire 1.5 mm2, PVC sleeve, green/yellow, links side panels, base, cover and rear panel, PU 1 piece					**21102-001**

Maximum mounting depth = D - 45
(Distance: front panel - rear panel)

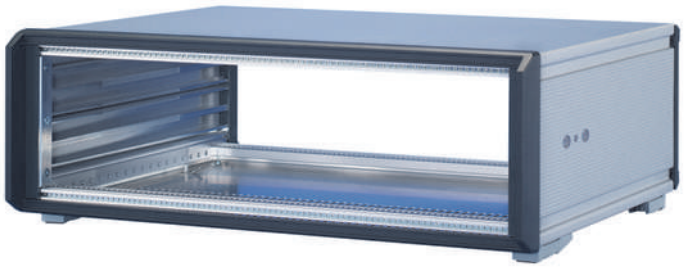
NOTE

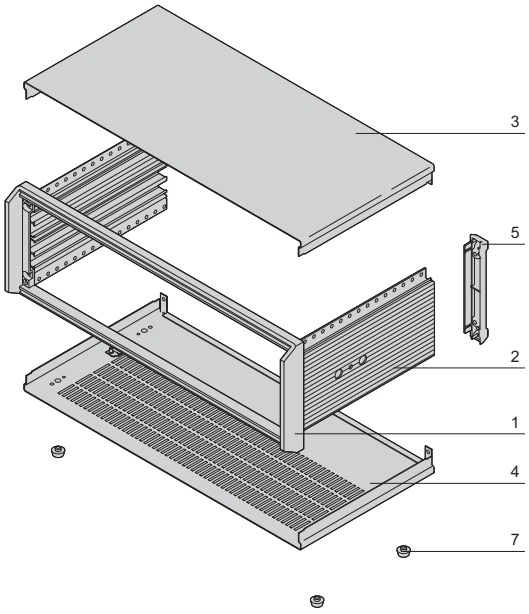
- Case, 4 U with side panel for tip-up carrying handle, see page 5.52
- Dimensions side panel, see page 5.53

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

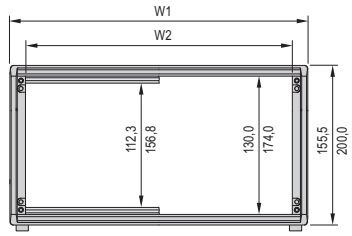
Desk-top enclosure – PropacPRO

3 U AND 4 U CASES, UNSHIELDED, WITH HOLES FOR TIP-UP CARRYING HANDLE

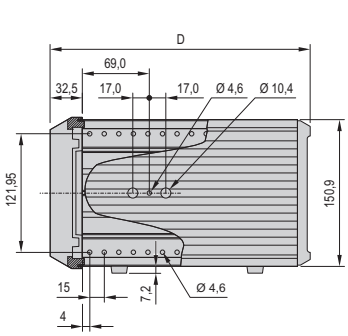




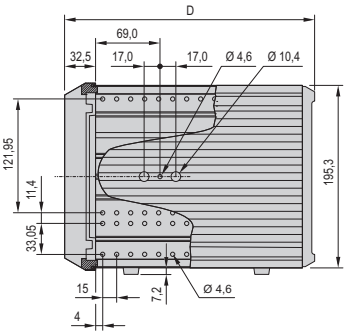
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05812051



05812052



05812053

3 U 4 U

- Ventilation slots in base plate
- Prepared for GND/earthing
- Prepared for fitting of tip-up carrying handle

DELIVERY COMPRISES (kit, items 1 - 6 fitted)

Item	Qty 3 U	Qty 4 U	Description
1	1	1	Frame, Al die-cast, powder-coated, RAL 7016
2	2	4	Side panel, Al extrusion, powder-coated, RAL 9006; with drill holes for tip-up carrying handle
3	1	1	Cover plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag
4	1	1	Base plate, Al, 1 mm, internal surface conductive, visible surface powder-coated, RAL 9006, with GND/earthing tag, base plate with 4 rows of ventilation slots
5	2	2	End piece for rear, ABS, RAL 7016, UL 94 V-0; can be used as a foot for use in vertical position
6	–	2	Cover trim for side panel, Al extrusion, powder-coated, RAL 9006
7	4	4	Case foot with anti-slip protection, PC, black, UL 94 V-0
8	1	1	Assembly kit

ORDER INFORMATION

Usable width W2 HP	W2 mm	Width W1 mm	Depth D mm	3 U Part no.	4 U Part no.
42	218.4	257.0	326	14577-123	14577-223
42	218.4	257.0	386	14577-125	–
63	325.1	363.7	326	14577-143	14577-243
63	325.1	363.7	386	14577-145	14577-245
84	431.8	470.3	326	14577-163	–
84	431.8	470.3	386	14577-165	14577-265
Accessories					
GND/earthing kit Cu wire 1.5 mm2, PVC sleeve, green/yellow, links side panels, base, cover and rear panel , PU 1 piece					**21102-001**
Tip-up carrying handle for 42 HP case width, PU 1 kit					**24576-071**
Tip-up carrying handle for 63 HP case width, PU 1 kit					**24576-072**
Tip-up carrying handle for 84 HP case width, PU 1 kit					**24576-073**

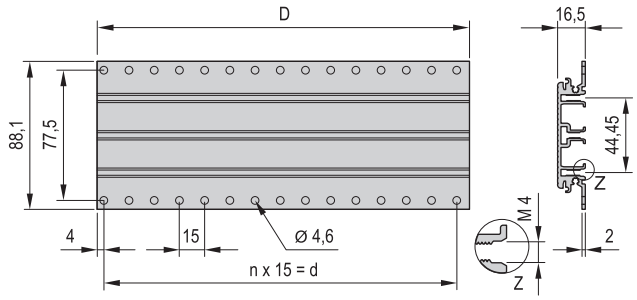
NOTE

- Dimensions see page 5.48
- Dimensions side panel, see page 5.53

Desk-top enclosure – PropacPRO

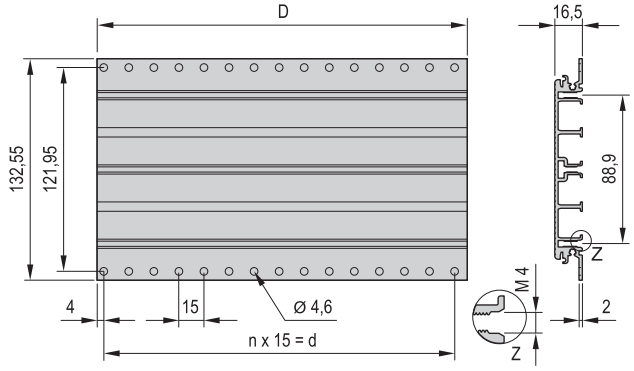
DIMENSIONS

Extruded side panel 2 U



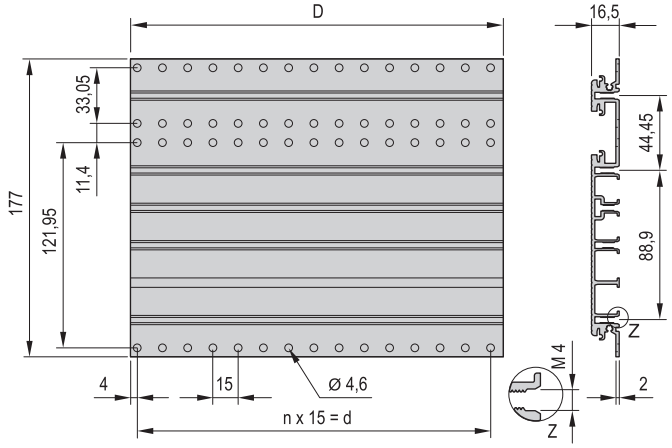
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Extruded side panel 3 U



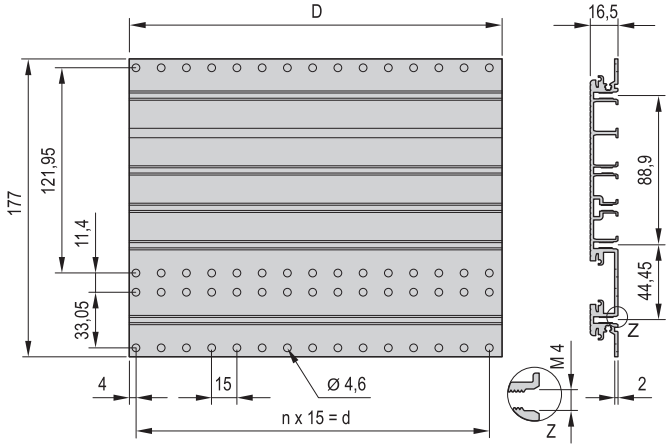
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Extruded side panel 4 U, right



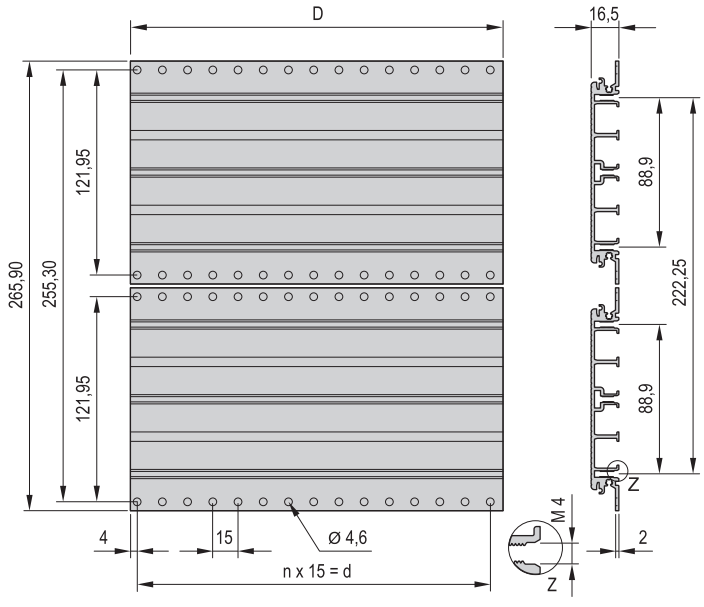
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Extruded side panel 4 U, left



05806082

Extruded side panel 6 U



05806083

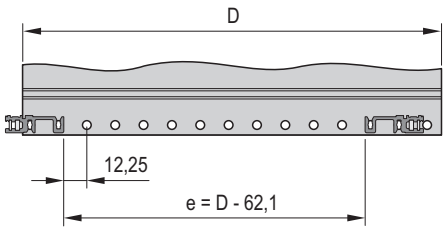
Dimensions table

For case depth	D	d	n
mm	mm	mm	
266	221.6	210	14
326	281.6	270	18
386	341.6	330	22
446	401.6	390	26
506	461.6	450	30

Note

A side panel for case 6 U consists of 2 pieces 3 U extruded side panels

Side panel with horizontal rail

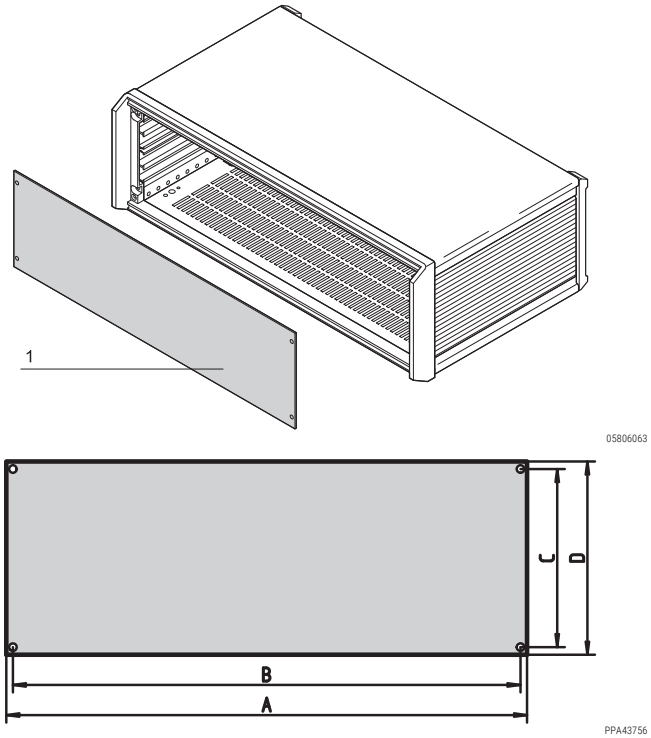


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Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

FRONT PANEL, UNSHIELDED, FOR MOUNTING ON CASE FRAME



DELIVERY COMPRISES

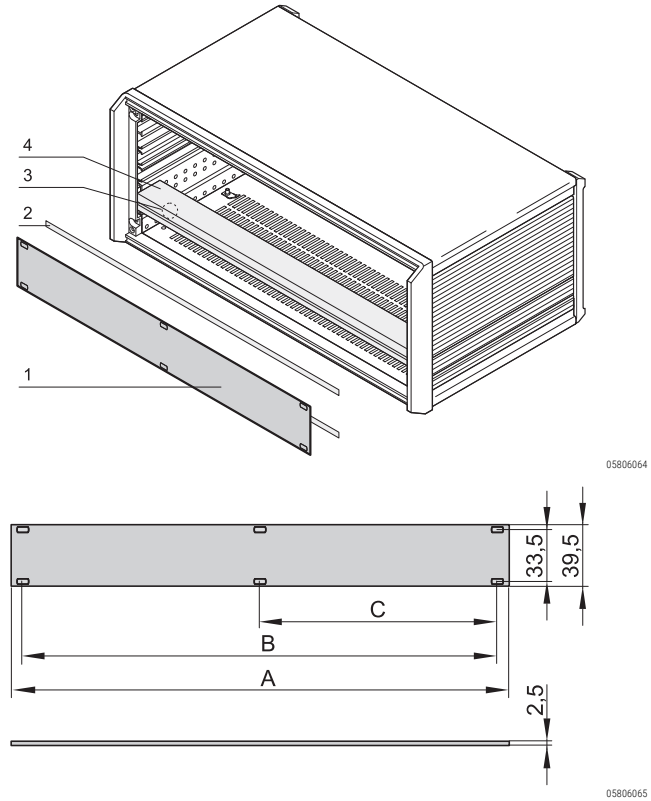
Item	Qty	Description
1	1	Full-width front panel, Al, 2 mm (on 84 HP = 2.5 mm), anodised, cut edges plain
2	1	Assembly kit

ORDER INFORMATION

For case height U	For case width HP	A mm	B mm	C mm	D mm	Part no.
2	42	238.7	230.0	74.0	84.0	**20850-128**
2	63	345.4	336.7	74.0	84.0	**20850-129**
2	84	452.0	443.3	74.0	84.0	**-**
3	28	167.6	158.9	118.5	128.5	**20850-134**
3	42	238.7	230.0	118.5	128.5	**20850-135**
3	63	345.4	336.7	118.5	128.5	**20850-136**
3	84	452.0	443.3	118.5	128.5	**20850-137**
4	42	238.7	230.0	162.9	172.9	**20850-142**
4	63	345.4	336.7	162.9	172.9	**20850-143**
4	84	452.0	443.3	162.9	172.9	**20850-144**
6	84	452.0	443.3	251.8	261.8	**20850-158**

- EMC front panel see chapter Front Panels, page 7.7

FRONT PANEL, 1 U, UNSHIELDED, FOR 4 U CASE, FOR MOUNTING ON HORIZONTAL RAILS



DELIVERY COMPRISES

Item	Qty	Description
1	1	Front panel, Al, 2.5 mm, front anodised, rear iridescent green chromated

ORDER INFORMATION

Width HP	A mm	B mm	C mm	Front panel Part no.
28	141.9	127.0	–	**20850-423**
42	213.0	198.1	101.6	**20850-424**
63	319.7	304.8	157.5	**20850-425**
84	426.4	411.5	203.2	**20850-426**
Accessories				
Pozidrive/slotted collar screw M2.5 x 12.3, St, nickel-plated, PU 100 pieces				**21101-101**
Plastic sleeve, PA, grey PU 100 pieces				**21100-464**

NOTE

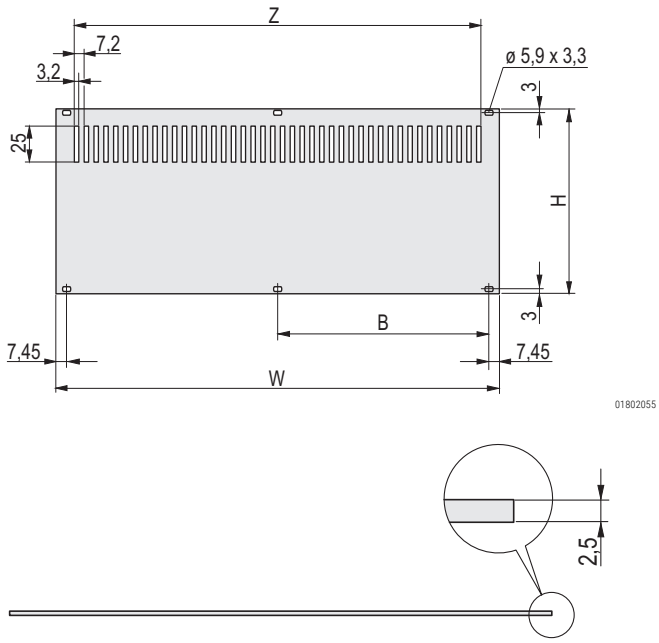
- Please order items 2, 3 and 4 separately

Width	Item 2 EMC gasket, front panel/horizontal rail PU 10 pieces	Item 3 EMC gasketing kit horizontal rails, 1 piece	Item 4 Horizontal rail type H-KD, 1 piece (SPQ 10)1)
HP	Part no.	Part no.	Part no.
28	**24560-229**	**24562-528**	**34560-228**
42	**24560-231**	**24562-542**	**34560-242**
63	**24560-233**	**24562-563**	**34560-263**
84	**24560-235**	**24562-584**	**34560-284**

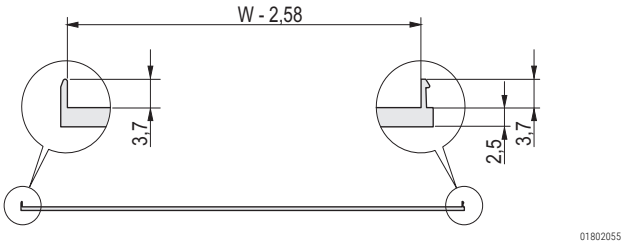
1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

Desk-top enclosure – PropacPRO

REAR PANEL, PERFORATED, FOR MOUNTING ON HORIZONTAL RAILS



Unshielded



Shieldable

- Two versions: unshielded, Al, 2.5 mm
  shieldable, Al extrusion (textile EMC gasketing retrofittable)

DELIVERY COMPRISES

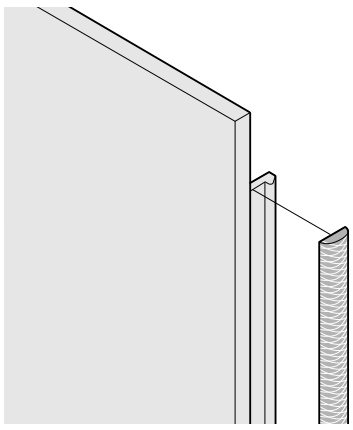
Item	Qty	Description
1	1	Rear panel, Al, 2.5 mm, front: anodised, rear: conductive; unshielded or shieldable with EMC sealing (textile)

ORDER INFORMATION

Height U	H mm	Width W HP	 mm	B mm	h mm	unshielded Part no.	shieldable Part no.
2	84	28	141.9	–	78		
2	84	42	213	101.6	78	**30849-014**	20848-680
2	84	63	319.7	157.5	78	**30849-015**	20848-681
2	84	84	426.4	208.3	78		
3	128.4	28	141.9	–	122.4	**30849-008**	**20848-633**
3	128.4	42	213	101.6	122.4	**30849-021**	20848-634
3	128.4	63	319.7	157.5	122.4	**30849-022**	20848-635
3	128.4	84	426.4	208.3	122.4	**30849-023**	**20848-636**
4	172.9	28	141.9	–	166.9		
4	172.9	42	213	101.6	166.9	**30849-028**	20848-657
4	172.9	63	319.7	157.5	166.9	**30849-029**	20848-658
4	172.9	84	426.4	208.3	166.9	**30849-030**	20848-659
6	261.8	28	141.9	–	255.8		
6	261.8	42	213	101.6	255.8		
6	261.8	63	319.7	157.5	255.8		
6	261.8	84	426.4	208.3	255.8	**30849-037**	**20848-643**

- Please order textile EMC gasket separately
- EMC gasket rear panel - horizontal rail see page 5.65
- Horizontal rails see page 5.67
- Assembly parts see page 6.63

TEXTILE EMC GASKET



- The textile EMC gasket is glue fixed laterally on the front panel, always in the groove on the right-hand side of the profile
- Temperature range -40 °C ... +70 °C

DELIVERY COMPRISES ()

Item	Qty	Description
1	10/100	Textile EMC gasket, core: foam, sleeve: textile cladding with CuNi coating

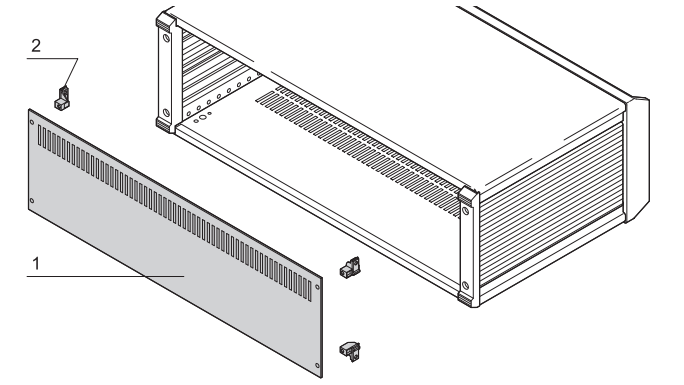
ORDER INFORMATION

Height U	Height mm	Qty/PU pieces	Part no.
2	52	10	**21101-857**
3	97	100	**21101-854**
3	97	10	**21101-853**
4	142	10	**21101-858**
6	232	100	**21101-856**
6	232	10	**21101-855**

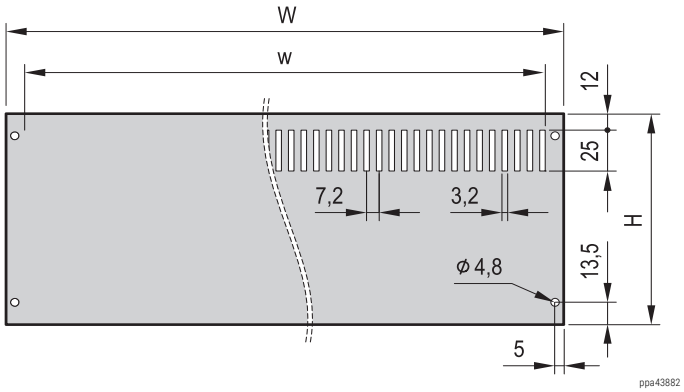
Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

REAR PANEL, UNSHIELDED, FOR MOUNTING ON CASE FRAME



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- Mounting with support brackets on case (right and left)
- Versions with and without perforation

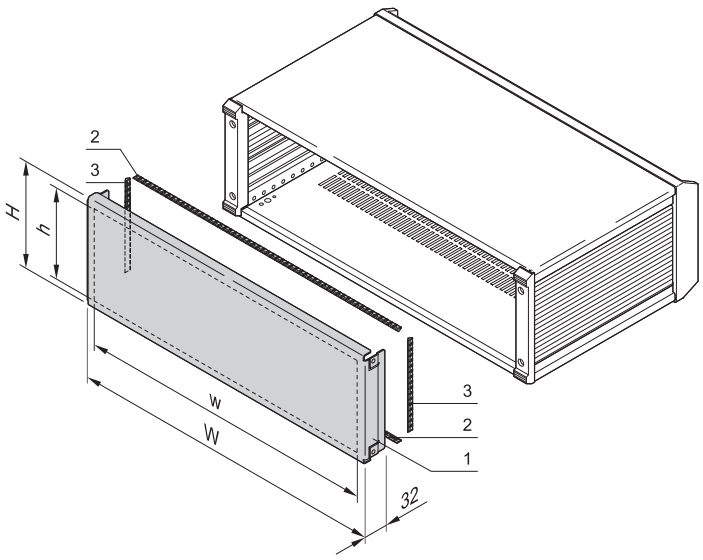
DELIVERY COMPRISES

Item	Qty	Description
1	1	Full-width rear panel, Al, anodised, cut edges blank 28, 42, 63 HP = 2 mm thickness 84 HP = 2.5 mm thickness
2	4	Support member, Zn die-cast
3	1	Assembly kit

ORDER INFORMATION

Height	H	Width W		w	With perforation	Without perforation
U	mm	HP	mm	mm	Part no.	Part no.
2	84	42	213	190	**24576-144**	**24576-044**
2	84	63	320	298	**24576-145**	**24576-045**
2	84	84	426	406	**24576-146**	24576-046
3	128.5	28	142	118	**24576-147**	**24576-047**
3	128.5	42	213	190	**24576-148**	**24576-048**
3	128.5	63	320	298	**24576-149**	**24576-049**
3	128.5	84	426	406	**24576-150**	**24576-050**
4	172.9	42	213	190	**24576-152**	**24576-052**
4	172.9	63	320	298	**24576-153**	**24576-053**
4	172.9	84	426	406	**24576-154**	**24576-054**
6	261.8	84	426	406	**24576-158**	24576-058

REAR PANEL, SHIELDED, FOR MOUNTING ON CASE FRAME



05806067

- Mounts on case (left, right)
- Without perforation

DELIVERY COMPRISES

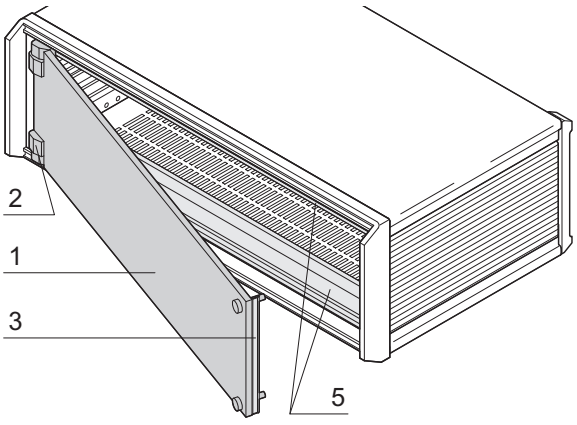
Item	Qty	Description
1	1	Full-width EMC rear panel, Al 1.5 mm, passivated, with GND/earthing connection (Faston 6.3 mm)
2	2	Textile EMC gasketing, for mounting top and bottom, core: foam, sleeve: textile cladding with CuNi coating
3	2	Textile EMC gasketing, for mounting left and right, core: foam, sleeve: textile cladding with CuNi coating
4	1	Assembly kit

ORDER INFORMATION

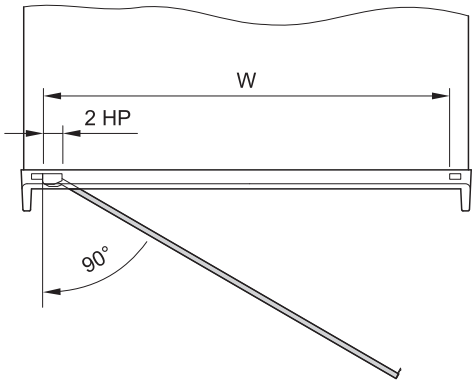
Height	H	Height h	Width W		w	Part no.
U	mm	mm	HP	mm	mm	
2	101.5	84	42	217.9	213	**24576-244**
2	101.5	84	63	324.6	319.7	**24576-245**
3	146	128.4	28	146.8	141.9	**24576-247**
3	146	128.4	42	217.9	213	**24576-248**
3	146	128.4	63	324.6	319.7	**24576-249**
3	146	128.4	84	431.3	426.4	**24576-250**
4	190.4	172.9	42	217.9	213	24576-252
4	190.4	172.9	63	324.6	319.7	**24576-253**
4	190.4	172.9	84	431.3	426.4	**24576-254**
6	279.3	261.8	84	431.3	426.4	**24576-258**

Desk-top enclosure – PropacPRO

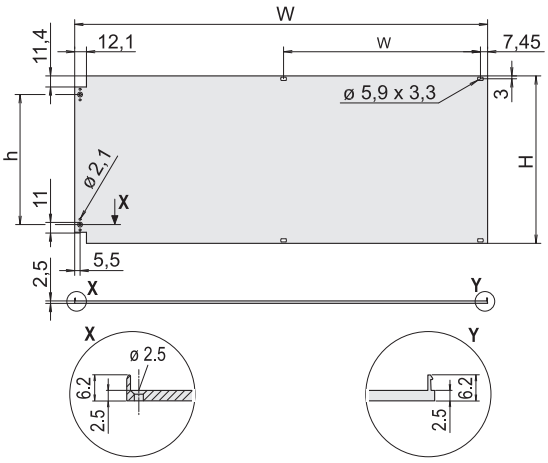
FRONT PANEL, HINGED, SHIELDED, FOR MOUNTING ON HORIZONTAL RAILS



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04602081

- Front panel with textile EMC gasketing
- Hinges can be fitted left or right
- Suitable for europacPRO subrack and ratiopacPRO, compacPRO and propacPRO cases

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Front panel, hinged, Al, 2.5 mm, front anodised, rear iridescent green chromated
2	2	Hinge, Zn die-cast, chrome-plated
3	1	Textile EMC gasket core: foam, sleeve: textile cladding with CuNi coating
4	1	Assembly kit

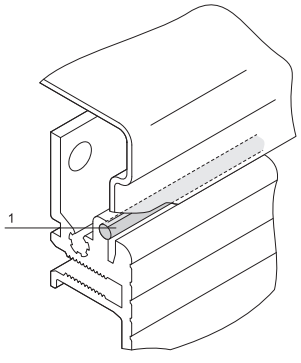
ORDER INFORMATION

Height U	Width HP	H mm	h mm	W mm	w mm	Part no.
3	84	128.4	89.9	426.4	203.2	**20848-611**
6	84	261.8	223.2	426.4	203.2	**20848-617**
Item 5, Horizontal rail Type H-VT heavy duty, recessed mounting 84 HP, 1 piece (SPQ 10)						**34560-784**

NOTE

- Usable width reduced by 2 HP (hinged side)
- Horizontal rail (item 5) for front panel mounting is required, please order separately
- Lateral trim is necessary, please order separately,
see page 5.59

EMC SIDE PANEL GASKET



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- For EMC shielding between side panel and top cover or base plate (sufficient for at least 1 case)

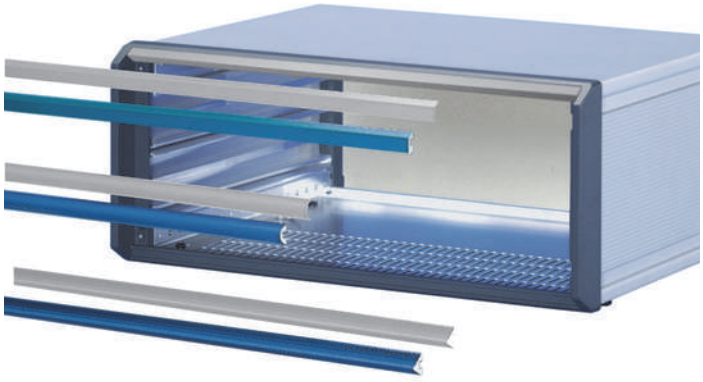
ORDER INFORMATION

Item	Description	Qty/PU	Part no.
1	Sealing cord, silicone, silver coated, Ø 2.4 mm, length 2.1 m	1	**30850-354**

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

DESIGN ELEMENTS



05809002

- To individualise case design

DELIVERY COMPRISES

Qty	Description
1	Design element, Al extrusion, powder-coated
1	Assembly kit

ORDER INFORMATION

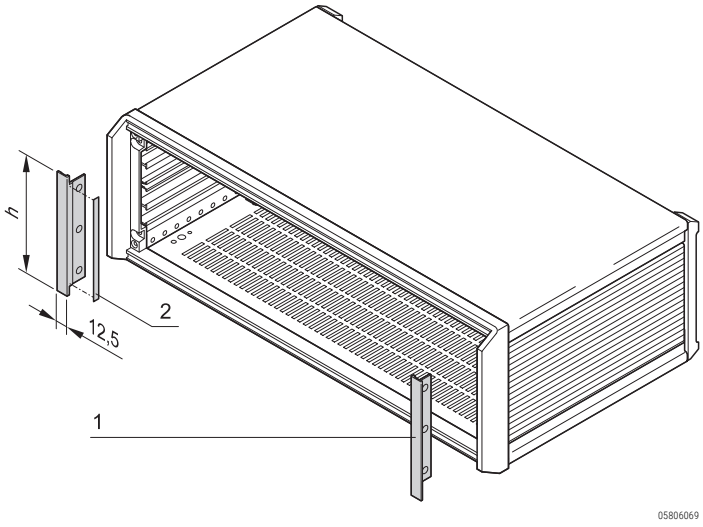
Description		Width	Light grey RAL 7035	Brilliant blue RAL 5007
		HP	Part no.	Part no.
Form 1	 PPA43761	42	**20850-184**	**20850-299**
		63	**20850-185**	**20850-300**
		84	**20850-186**	**20850-301**
Form 2	 PPA43762	42	**20850-190**	**20850-315**
		63	**20850-191**	**20850-316**
		84	**20850-192**	**20850-317**
Form 3	 PPA43763	42	**20850-196**	**20850-331**
		63	**20850-197**	**20850-332**
		84	**20850-198**	**20850-333**

NOTE

- Size 28 HP and further colours available on request
- Cannot be combined with front hood

Desk-top enclosure – PropacPRO

TRIM, FRONT, FOR EMC SHIELDING



- For lateral covering of frame and for producing a continuous front with front panels and plug-in units
- Serves for lateral shielding of side panels simultaneously

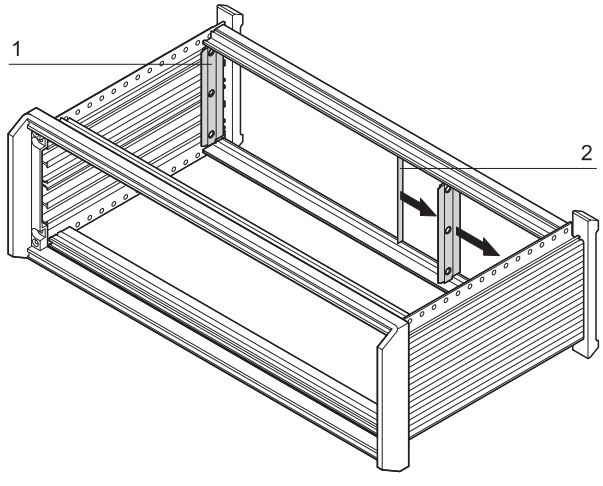
DELIVERY COMPRISES (kit)

Item	Qty	Description
1	2	Lateral trim, Al extrusion, visible surface painted RAL 7016
2	1	Textile EMC gasket
3	1	Assembly kit

ORDER INFORMATION

For case height U	h mm	Part no.
2	84	**24576-017**
3	128.5	**24576-117**
4	172.9	**24576-217**
6	261.8	24576-417

TRIM, REAR, FOR EMC SHIELDING



- For vertical EMC shielding between shielded front panels and side panel

DELIVERY COMPRISES

Item	Qty	Description
1	2	EMC contact strip, Al extrusion
2	1	Textile EMC gasket
3	1	Assembly kit

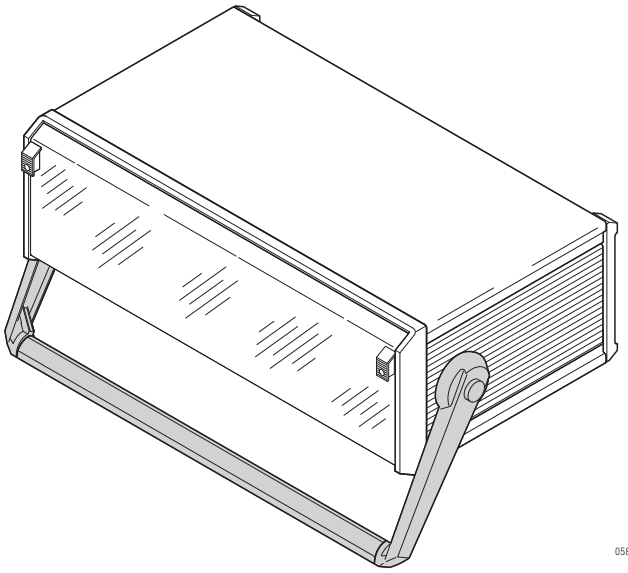
ORDER INFORMATION

Height U	Height mm	Part no.
2	65.55	**24576-018**
3	110	**24576-118**
4	154.45	**24576-218**
6	243.35	24576-418

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

TIP-UP CARRYING HANDLE



- With powder-coated carrying bar
- Can be locked in 30° increments
- Load-carrying capacity 20 kg

DELIVERY COMPRISES (Kit)

Item	Qty	Description
1	1	Carrying bar, Al extrusion, powder-coated, RAL 7016
2	2	Handle side part, Zn, die-cast, powder-coated, length 180 mm
3	2	Safety insert, St, 1.5 mm, black
4	1	Assembly kit for side panel mounting

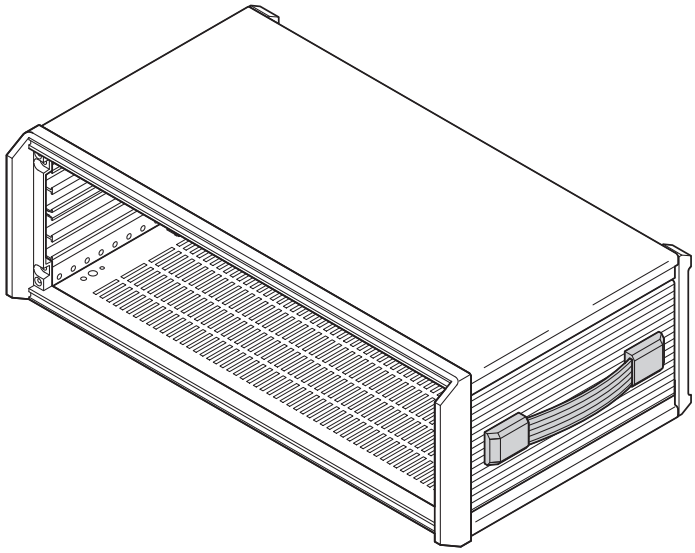
ORDER INFORMATION

For case width HP	Part no.
42	**24576-071**
63	**24576-072**
84	**24576-073**

NOTE

- To fit the tip-up carrying handle, holes must be drilled in the side panel
- Readily prepared cases (3 U and 4 U), for mounting the tip-up carrying handle see page 5.52

STRAP HANDLE



- Load-carrying capacity: 20 kg

DELIVERY COMPRISES (Kit)

Item	Qty	Description
1	1	Band, spring steel, handle, flexible plastic, grey, RAL 7016
2	2	Cover, grey, RAL 7016
3	1	Assembly kit

ORDER INFORMATION

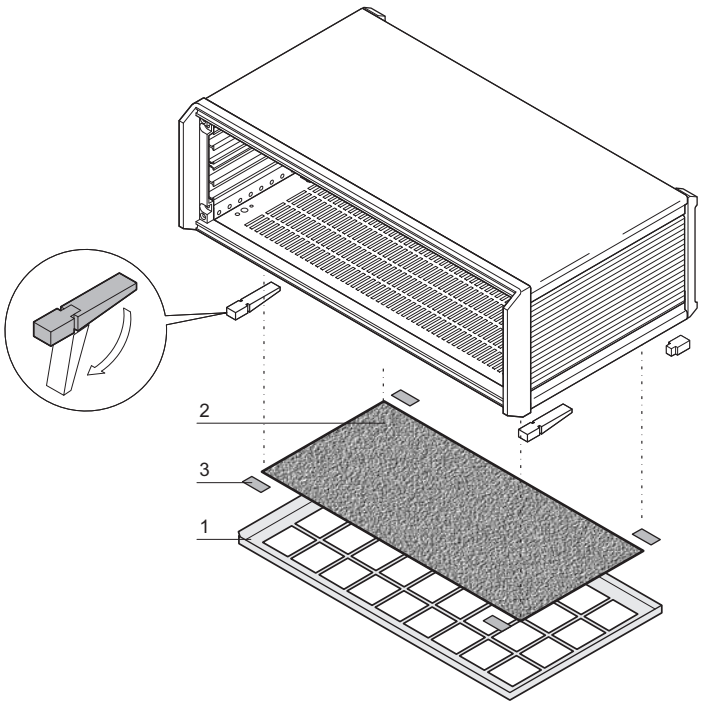
Description	Part no.
Strap handle with adaptor	**20850-249**

NOTE

- Holes must be drilled into the side panels to fix the strap handle
- Side panels with holes already drilled available on request
- Usable from case depth of D = 326 mm

Desk-top enclosure – PropacPRO

AIR FILTER



- Subsequent mounting possible without modification or tools
- Filter change without opening the case, IP protection code not affected

DELIVERY COMPRISES (Kit)

Item	Qty	Description
1	1	Filter holder, Al, 1 mm, powder-coated, RAL 9006
2	1	Filter mat, synthetic fibre
3	1	Velcro

ORDER INFORMATION

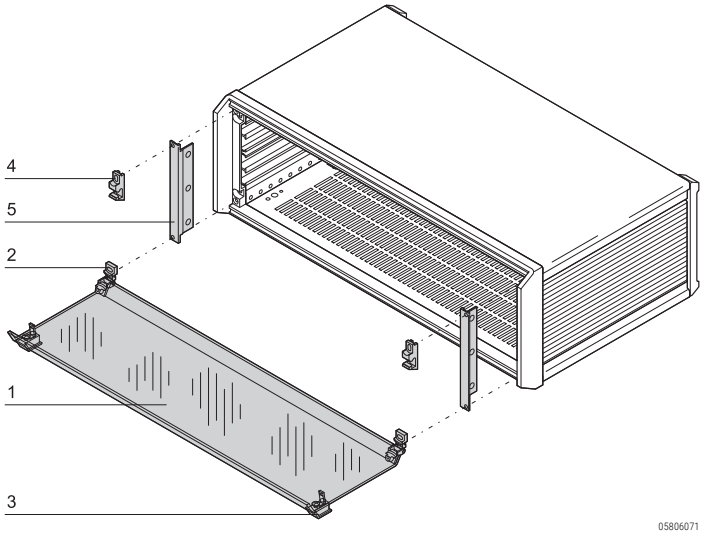
For case width HP	Air filter Part no.	Replacement filter 1 piece Part no.
28	**24576-093**	**64571-033**
42	**24576-094**	**64571-034**
63	**24576-095**	**64571-035**
84	**24576-096**	**64571-036**
Tip-up foot in plastic silver, similar to RAL 9006, 4 pieces		**20603-001**
Plastic tip-up foot anthracite, similar to RAL 7016, 4 pieces		**20603-002**

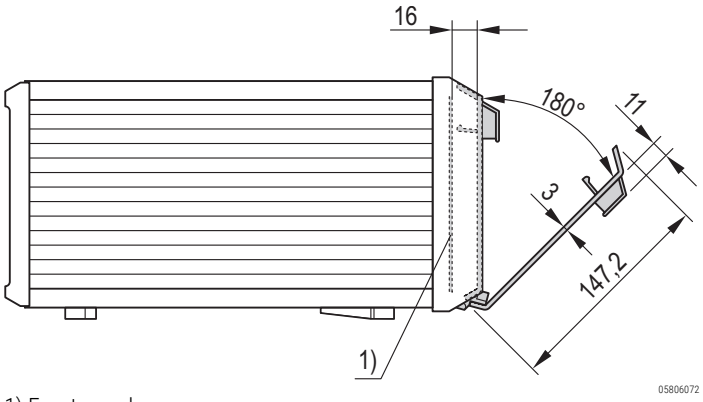
NOTE

- For optimum ventilation feet must be fixed to the case, please order separately

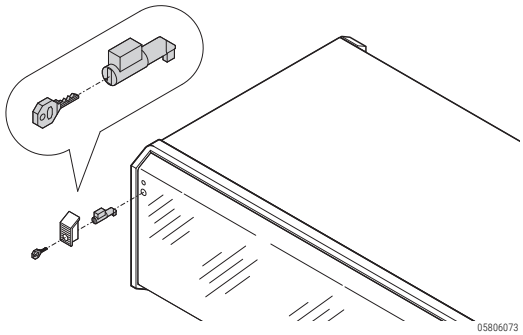
Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

FRONT HOOD 3 U





1) Front panel



Lock for front hood

- From acrylic glass, hinged, removable
- Mounting of hinges at top or bottom
- Lock (max. 2) retrofittable
- Lateral cover (item 5) also serves as vertical EMC shielding of side panels

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Hood, PMMA, tinted blue grey, acrylic glass, 3 mm
2	2	Hinge, PC, UL 94 V-0, RAL 7016
3	2	Handle, PC, UL 94 V-0, RAL 7016
4	2	Retainer, UL 94 V-0, PC, RAL 7016
5	2	Lateral trim, Al extrusion, visible surface painted RAL 7016
6	1	Assembly kit

ORDER INFORMATION

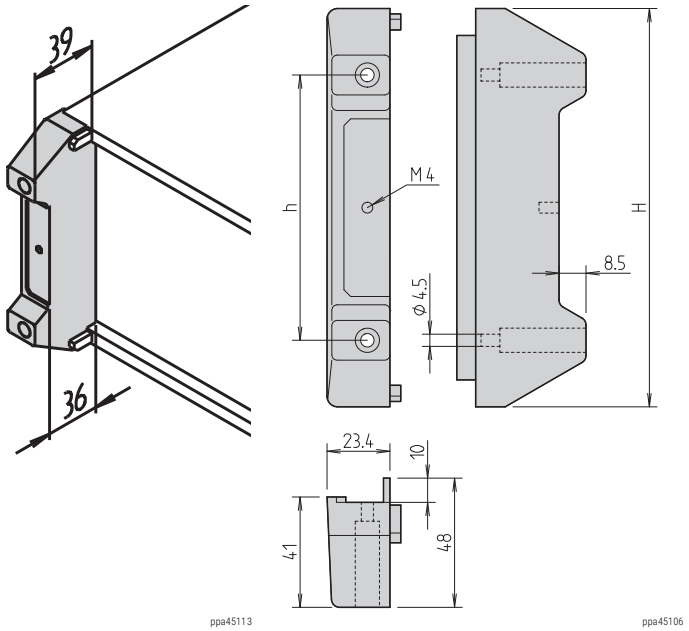
For case width HP	Part no.
28	**24576-080**
42	**24576-081**
63	**24576-082**
84	**24576-083**
Lock for front hood Locking cylinder, key, assembly kit, PU 1 kit	**60850-171**
Plastic tip-up foot silver, similar to RAL 9006, 4 pieces	**20603-001**
Plastic tip-up foot anthracite, similar to RAL 7016, 4 pieces	**20603-002**

NOTE

- Cannot be combined with design elements
- Other heights available on request
- Before assembly of hood feet must be fixed to case; please order separately

Desk-top enclosure – PropacPRO

FOOT FOR REAR HOOD



- Increases the distance between rear panel and parking surface (when used vertically)
- Simplifies cable routing
- Increased shock and vibration damping
- Required for mounting rear hood

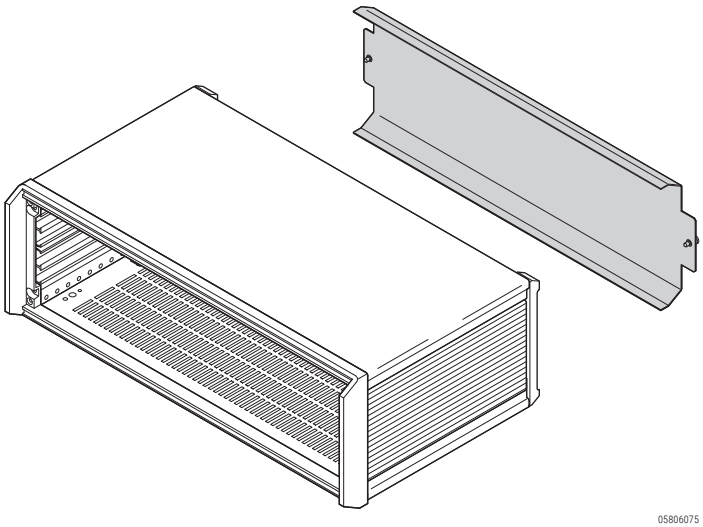
DELIVERY COMPRISES

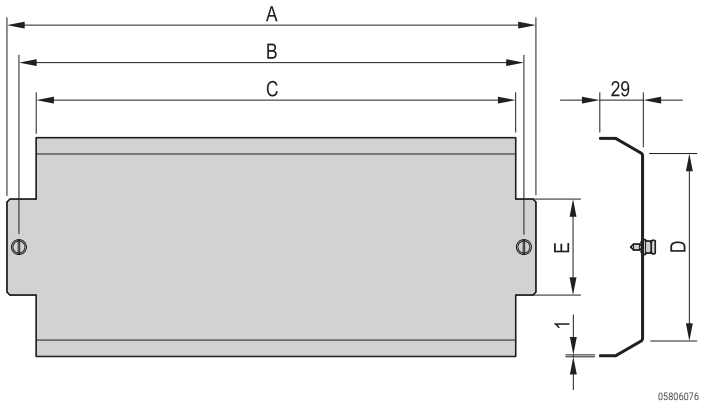
Item	Qty	Description
1	2	Foot, PU foam
1	1	Assembly kit

ORDER INFORMATION

For cabinet height U	Height H mm	Part no.
3	147.9	**24576-393**
4	192.3	**24576-394**

REAR HOOD





DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Hood, Al, 1 mm, RAL 9006, fixing with knurled screws
2	1	Assembly kit

ORDER INFORMATION

Height U	Width HP	A mm	B mm	C mm	D mm	E mm	Part no.
3	42	246	230	213	145.9	64	**24576-086**
3	63	352.7	336.7	319.7	145.9	64	**24576-087**
3	84	459.4	443.4	426.4	145.9	64	**24576-088**
4	63	352.7	336.7	319.7	190.4	108.5	**24576-091**
4	84	459.4	443.4	426.4	190.4	108.5	**24576-092**
Foot for rear hood for case height 3 U, PU foam, black, PU 2 pieces							**24576-393**
Foot for rear hood for case height 4 U, PU foam, black, PU 2 pieces							**24576-394**

NOTE

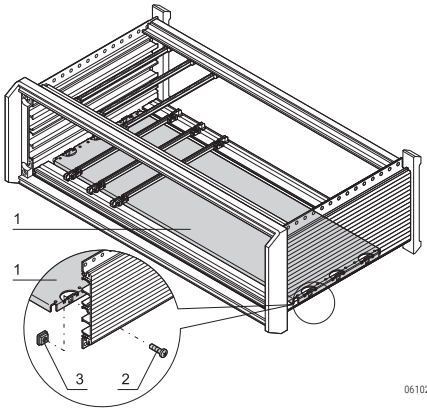
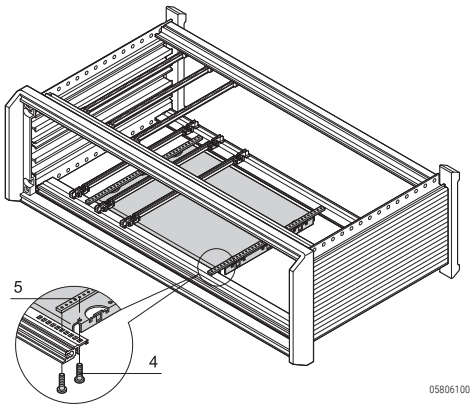
- To fit the rear hood, feet must be fitted to the rear panel; please order separately

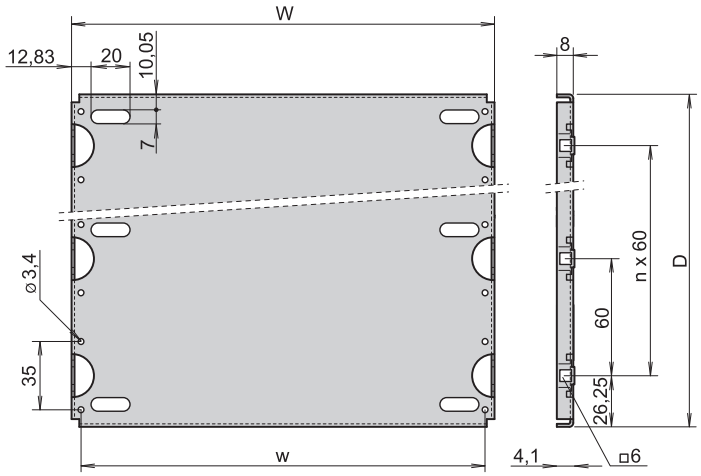
Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

MOUNTING PLATES

ORDER INFORMATION

	Mounting plate for fixing of heavy components	
	Mounting plate over **full width**: mounting is onto the side panels Mounting plate over **partial width**: mounting is onto one side panel and a fixing strip or onto 2 fixing strips	Fixing strip for partial widths
 05812001	 06102501 Al, 1.5 mm; for mounting over partial width, please order fixing strips separately	 05806100 St, 2 mm, zinc-plated; is bolted from front to rear onto the horizontal rails; to fix mounting plates
Width W HP	W mm	Board lengths mm	1 piece	1 piece
42	217.99	160	**34562-746**	**30840-021**
42	217.99	220	**34562-750**	**30840-033**
63	324.67	160	**34562-747**	**30840-021**
63	324.67	220	**34562-751**	**30840-033**
84	431.35	160	**34562-748**	
84	431.35	220	**34562-752**	
84	431.35	280	**34562-756**	
84	431.35	340	**34562-760**	
84	431.35	400	**34562-870**	
84	431.35	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; M4 square nut, St, zinc-plated, 14 pieces)			**24560-184**	–
Assembly kit for fixing strips for partial width mounting plates, Torx screw M2.5 × 5, St, zinc-plated, PU 100 pieces			–	**24560-146**

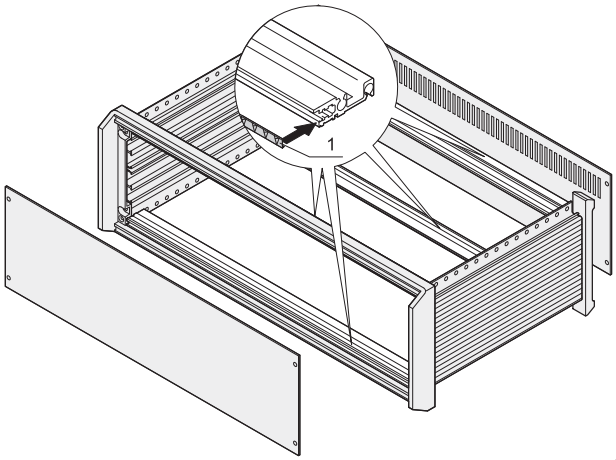


NOTE

- Please order assembly kit for mounting plate separately
- Fixing strips required for partial width, please order separately
- Other versions on request
- Dimensions side panel with horizontal rail see page 5.53

PropacPRO:
D = board length - 47.5 mm; n = 1 for 160 mm board length; n = 2 for 220 mm board length; n=4 for 340 mm board length

EMC GASKET, STAINLESS STEEL, BETWEEN FRONT/REAR PANEL AND HORIZONTAL RAIL



05806109

- The EMC contact strip is clipped onto the horizontal rail and forms a conductive link to front or rear panel
- Can be used for front/rear horizontal rails type VT (recessed)

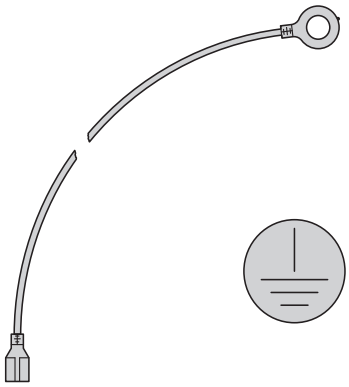
DELIVERY COMPRISES

Item	Qty	Description
1	10/100	EMC gasket, St, stainless

ORDER INFORMATION

Width HP	Length mm	Qty/PU pieces	Part no.
28	131.78	10	**24560-229**
42	202.9	10	**24560-231**
63	304.5	10	**24560-233**
84	416.56	10	**24560-235**
84	416.56	100	**24560-236**

GND/EARTHING KIT



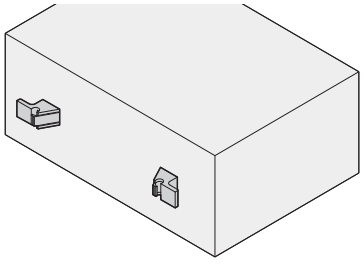
aza43284

- Protective GND/earthing 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 1A1
- VDE tested

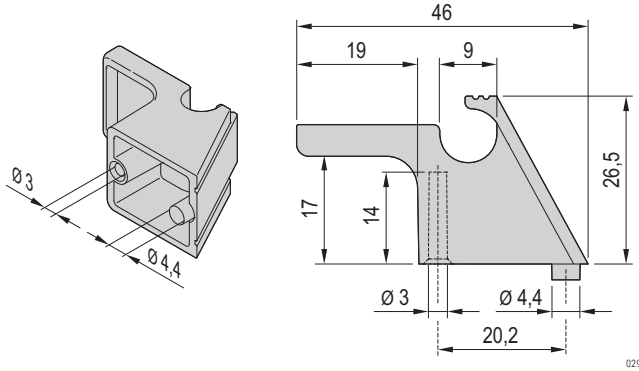
ORDER INFORMATION

Description	Part no.
GND/earthing kit, Cu wire 1.5 mm^2, PVC sleeve, green/yellow, links side panels, base and rear panel, 1 piece	**21102-001**

CABLE HOLDER



02908053



02908052

DELIVERY COMPRISES

Item	Qty	Description
1	2	Cable holder, 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 holder are needed in rear panel
3	1	Assembly kit

ORDER INFORMATION

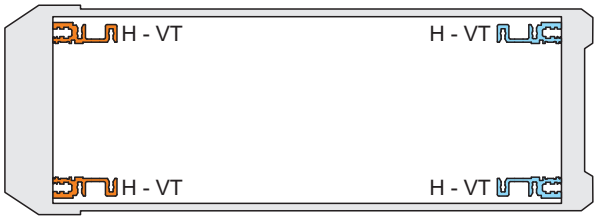
Description	Part no.
Cable holder	**24575-800**

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

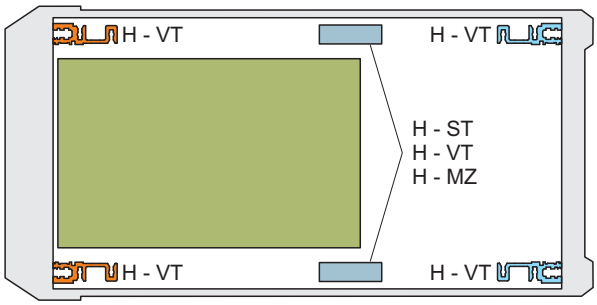
MOUNTING POSITION HORIZONTAL/CENTRAL RAILS

2 U

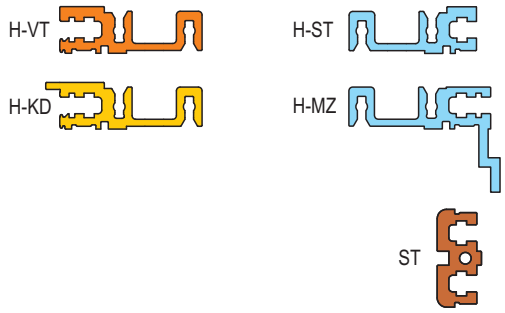


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3 U

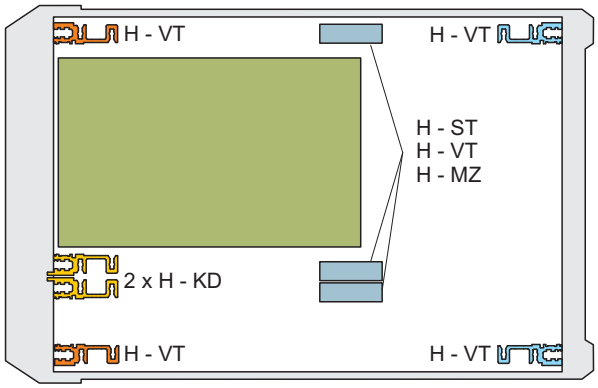


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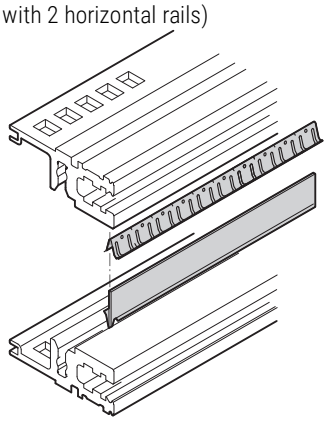
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4 U (3 + 1)



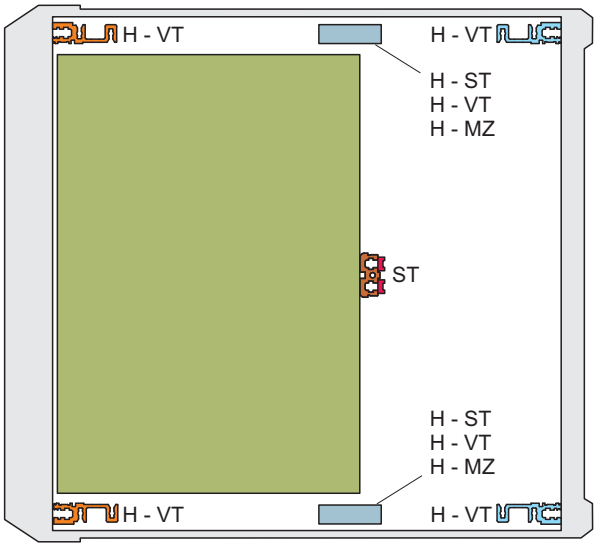
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"Z" (EMC shielding with 2 horizontal rails)



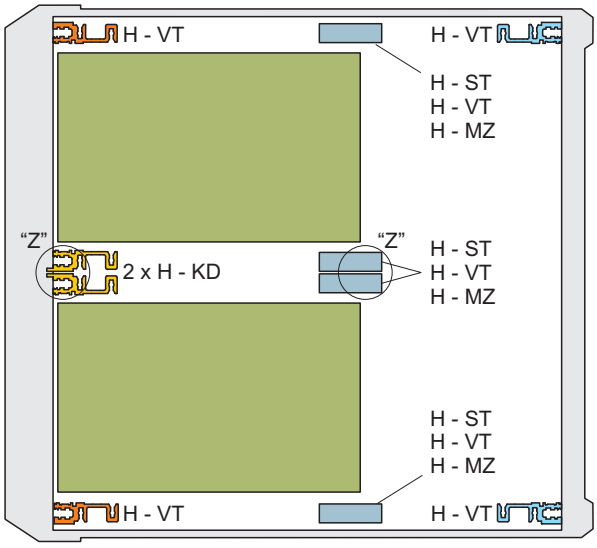
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6 U



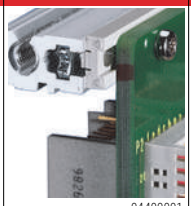
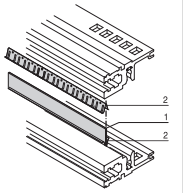
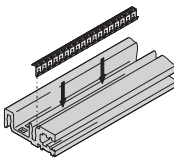
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6 U (2 x 3)



05806088

ORDER INFORMATION

	For indiect 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	Stainless steel EMC gasket between horizontal rail and horizontal rail	Horizontal rail type H-VT robust, with EMC gasket
	 04400001	 04400002	 04400003		 bza45877	 06106052
	"heavy" Type H-ST standard	"heavy" Type H-VT long lip	"heavy" Type H-MZ with Z-rail	"heavy" Type H-KD short lip		
	 06197011	 06197013	 06197015	 06197008		
	Al extrusion, anodised finish, conductive surface, with printed HP markings	Al extrusion, anodised finish, conductive surface, with printed HP markings	Al extrusion, anodised finish, conductive surface, with printed HP markings	Al extrusion, anodised finish, conductive surface, with printed HP markings	item 1: metal strip, Al, 1 mm, item 2: EMC stainless steel gasket; for shielding of 2 horizontal rails positioned directly one above the other if assembly area is divided vertically	horizontal rail: Al extrusion, anodised, conductive contact surface for cover plates on shielded cases
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]	PU 1 kit	1 piece
28 / 147.32	**34560-528**	**34560-728**	**34560-928**	**34560-228**	**24562-528**	**24576-028**
42 / 218.44	**34560-542**	**34560-742**	**34560-942**	**34560-242**	**24562-542**	**24576-042**
63 / 325.12	**34560-563**	**34560-763**	**34560-963**	**34560-263**	**24562-563**	**24576-063**
84 / 431.80	**34560-584**	**34560-784**	**34560-984**	**34560-284**	**24562-584**	**24576-084**
Torx panhead screw , M4 x 14, St, zinc-plated, PU 100 pieces	**24571-371**	**24571-371**	**24571-371**	**24571-371**	–	**24571-371**
Torx panhead screw , M 4 x 10, St, zinc-plated, necessary if guide rail is screwed to slot 1, PU 100 pieces	–	–	**24571-372**	**24571-372**	–	**24571-372**
Perforated rail for connector mounting with insulation strip see page	5.69	–	–	–	–	–
Z-rail for connector mounting without insulation strip see page	5.69	–	–	–	–	–
Insulation strips see page	–	5.68	–	–	–	–
Threaded inserts see page	5.68	5.68	5.68	5.68		

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

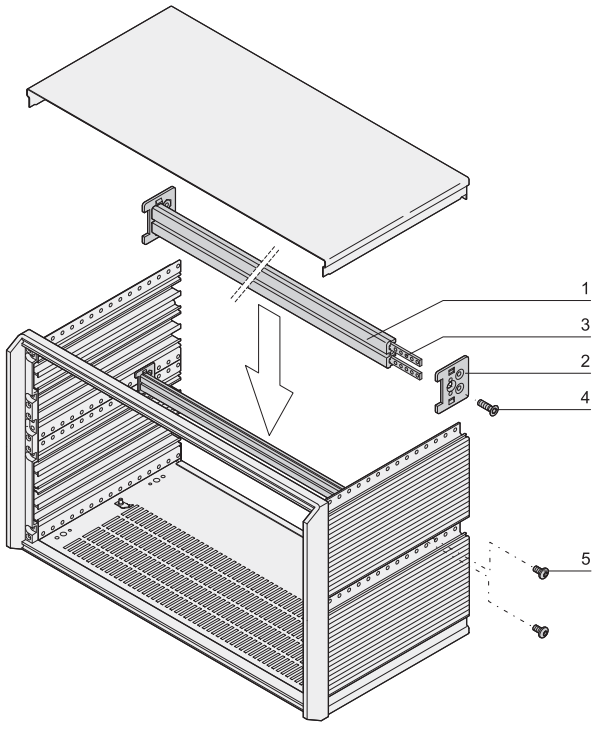
NOTE

- Further horizontal rails see from page 6.27
- Fitting options see page 5.66

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

HORIZONTAL RAILS, CENTRE, TYPE ST-C



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

DELIVERY COMPRISES (kit, item 1 to 4 are pre-mounted)

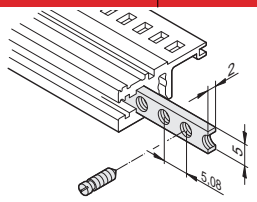
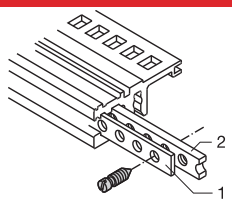
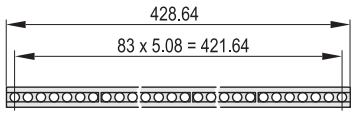
Item	Qty	Description
1	1	Horizontal rail, Al extrusion, anodised, contact surfaces conductive
2	2	Adaptor plate, Al
3	2	Threaded insert, M2.5, St, zinc-plated
4	2	Countersunk screw, M4 x 14
5	4	Pan head screw, M4 x 6

ORDER INFORMATION

Usable width HP	Length mm	Part no.
84	431.8	**24575-474**
Insulation strip 84 HP, PBT UL 94 V-0, grey, PU 10 pieces		**24560-884**

THREADED INSERTS, PERFORATED STRIPS, INSULATION STRIPS

ORDER INFORMATION

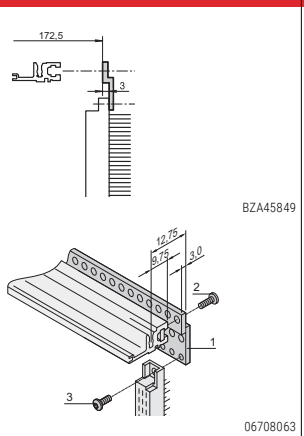
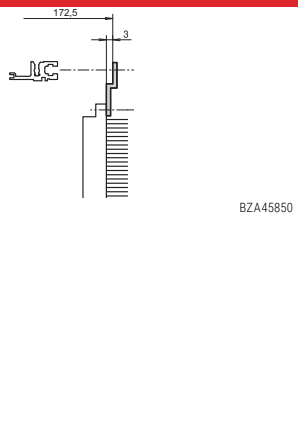
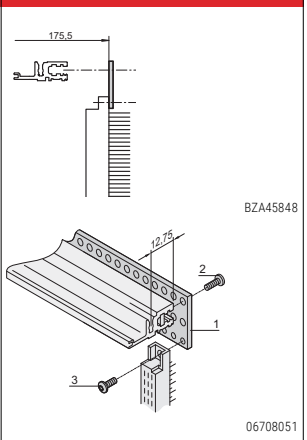
	Threaded insert M2.5	 M3	Perforated strip (item 1)		Insulation strip	
	 06103056 required for fixing the front panel to the horizontal rail; St, zinc-plated; use collar screw 12.3 mm, see page 6.64		 BZA45853 for centring shielded plug-in units, Al, 1 mm, please order grub screw separately		 BZ6749 for insulated backplane mounting; PC, UL 94 V-0, grey	
	Threaded insert		Perforated strip		Insulation strip	
Usable length HP	Length mm	1 piece (SPQ 10)[1]	Length mm	1 piece (SPQ 10)[1]	Length mm	PU 10 pieces
28	146.82	**34561-328**	147.12	**30845-197**	144.20	**24560-828**
42	217.94	**34561-342**	218.24	**30845-211**	210.40	**24560-842**
63	324.62	**34561-363**	324.92	**30845-232**	316.88	**24560-863**
84	431.30	**34561-384**	431.60	**30845-253**	428.64	**24560-884**
Accessories						
Grub screw M2.5 x 8, PU 100 pieces		**21100-276**		–		–
Grub screw M2.5 x 9, PU 100 pieces		–		**21101-359**		–
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

Z-RAILS, PERFORATED RAILS

ORDER INFORMATION

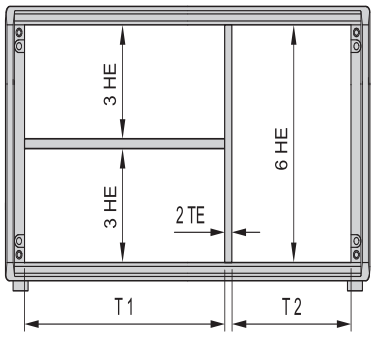
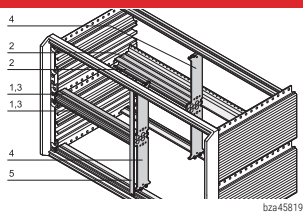
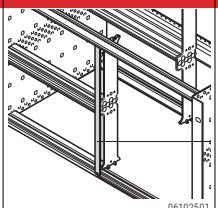
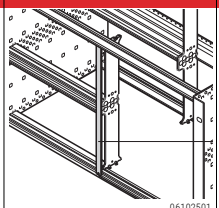
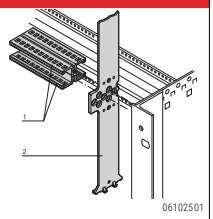
	Z-rail for connectors DIN EN 60603-2, DIN 41612 item 1		Perforated rail EN 606032, DIN 41612 item 1
	 for connector mounting on ST horizontal rails, please order threaded insert and screw	 for connector mounting on ST horizontal rails, please order threaded insert and screw	 for connector mounting on VT horizontal rails, please order threaded insert and screw
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 x 7, PU 100 pieces		**24560-147**	**24560-147**	**24560-147**
Item 2, Torx panhead screw, to fix perforated rail to horizontal rail, M2.5 x 10, PU 100 pieces		**24560-148**	**24560-148**	**24560-148**

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

COMBINED MOUNTING (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 5	Front panel for textile EMC gasket, 6 U, 2 HP item 5	Splitting extrusion for combined mounting item 2
 05806108	 bza45819 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 5: front panel 2 HP, 6 U, shielded; with EMC stainless steel gasket; 84:0 without items 4, 5	 06102501 Al, 2.5 mm, front anodised, rear iridescent green chromated	 06102501 Al, 2.5 mm, U-profile with notch, 6 U, 2 HP	 06102501 6 U, Zn die-cast; 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 (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 for fixing splitting extrusion/horizontal rail	–	–	–	**24560-145**
Panhead screw M2.5 x 10, St, zinc-plated, PU 100 pieces for fixing 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)

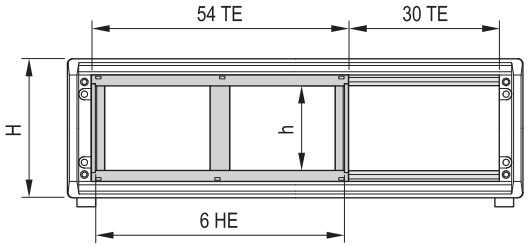
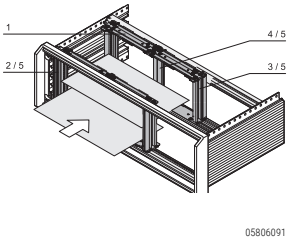
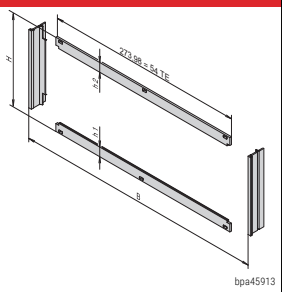
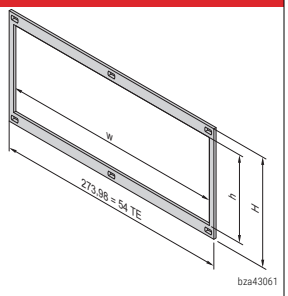
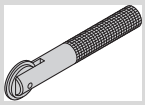
NOTE

- Please order EMC gasketing kit for horizontal rails separately, see page 6.54
- Please order perforated strips for horizontal rails separately, see page 5.68
- Please order rear centre horizontal rail separately, see page 5.68

Desk-top enclosure – PropacPRO

HORIZONTAL BOARD MOUNTING

ORDER INFORMATION

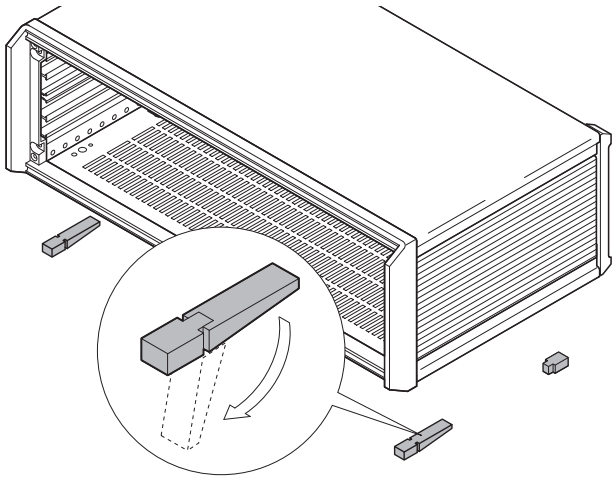
			Horizontal board mounting		
			Board cage	Front frame for EMC gasketing	Front frame, unshielded
 (1 TE = 1 HP, 1 HE = 1 U) 05806092			 05806091	 bpa45913	 bza43061
			Struts die-cast zinc; horizontal rails front and rear; threaded insert, St, zinc-plated; fixing material kit; for horizontal mounting of double-height euroboards in 3 or 4 U high subracks/cases; 54 HP space required; **please order front frame for EMC gasketing separately**	2 horizontal trims, Al 2.5 mm, front anodised, rear iridescent green chromated; 2 vertical trims, Al extrusion, clear passivated; stainless steel EMC gasket; front frame forms the contact between subrack and the sub-assemblies	Al, 2.5 mm, clear anodised; front frame with cut-out, clear internal width w = 266.35 mm
Height H U	Usable height h HP	Other dimensions and options Horizontal rail, front / Horizontal rail, rear	PU 1 kit	PU 1 kit	1 piece
3	20		**24564-117**	**24564-109**	34564-108
3	20		**24564-118**	**24564-109**	34564-109
4	28		**24564-217**	**24564-209**	**34564-208**
Assembly tool, for mounting the EMC gasket (stainless steel)			–	**24560-270**	–

* For direct backplane mounting

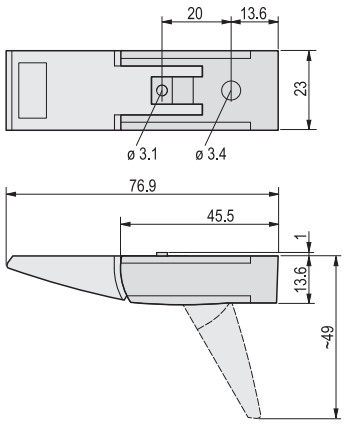
Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top enclosure – PropacPRO

PLASTIC TIP-UP FEET



05806093



02906050

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

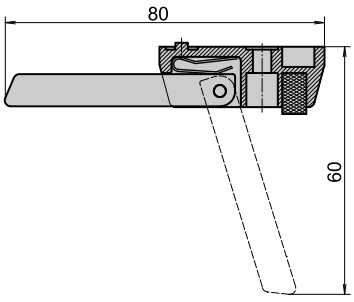
DELIVERY COMPRISES (kit)

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

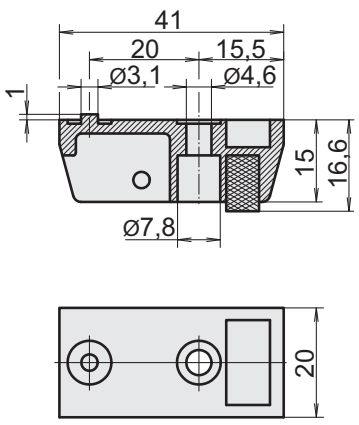
ORDER INFORMATION

Description		Part no.
Plastic tip-up foot	anthracite, similar to RAL 7016, 4 pieces	**20603-002**
Plastic tip-up foot	silver, similar to RAL 9006, 4 pieces	**20603-001**

TIP-UP FEET MADE OF DIE-CAST ALUMINIUM



AZA43836



02908051

- Can be used instead of the round standard feet
- Fixing holes provided in bottom of case
- Secure case stance with slip-proof rubber inserts
- Load carrying capacity: 50 kg per foot, max. case weight 40 kg

ORDER INFORMATION

Description	Qty	Part no.
Foot with tip-up, Al die-cast, silver	1 piece (SPQ 10)[1)]	**10603-002**
Foot without tip-up, Al die-cast, silver	1 piece (SPQ 10)[1)]	**10603-001**
Cheesehead screw with slot M4 x 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**

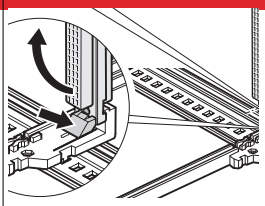
1) Part no. comprises 1 piece;
delivery is in standard pack quantity (SPQ):
please order a minimum of 10 feet or a multiple

NOTE

- Delivery is in standard pack multiples; pricing is per individual item

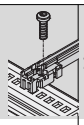
GUIDE RAILS FOR PLUG-IN UNITS AND FRAME TYPE PLUG-IN UNITS, ONE-PIECE, GROOVE WIDTH 2 MM

ORDER INFORMATION

	For plug-in units and frame type plug-in units	
	Standard	With DIN connector fixing as standard
Assembly - can be clipped into Al extruded horizontal rails - can be clipped into 1.5 mm thick sheet metal **Storage temperature** from -40 °C ... 130 °C	 06102001 up to 220 mm length, PC, UL 94 V-0; multi-piece from 280 mm length, end piece PC, UL 94 V-0, central section Al extrusion	 06101501 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 lengths 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**	–
Dimension drawings see page			6.40	6.40

Accessories

Retention screw, PU 100 pieces 	**24560-141**	**24560-141**
ESD clip, PU 50 pieces description see page 6.41	**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

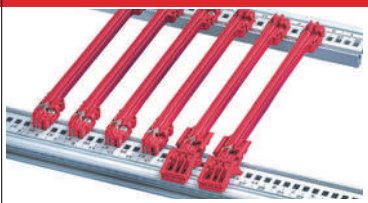
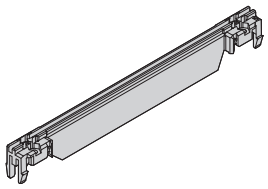
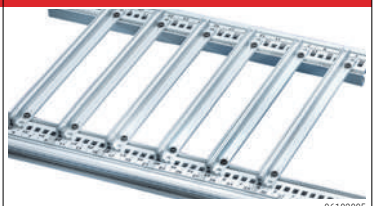
2) Part no. includes one packing unit (PU); delivery is exclusively made in PU

Further guide rails see page 6.35

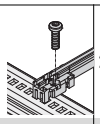
Desk-top enclosure – PropacPRO

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

ORDER INFORMATION

	Guide rails "Accessories"	Guide rails "Accessories" strengthened	Guide rails 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	 06102002 up to 280 mm length, PC, UL 94 V-0; multi-piece from 280 mm length, end piece PC, UL 94V-0, middle section Al extrusion	 06102005 PC UL 94 V-0, red support beam of guide rails adds to strengthening	 06102005 Al extrusion; is screwed to horizontal rail "heavy" with retention screws
Board lengths mm	Groove width mm	Colour mm	PU 10 pieces	1 piece (SPQ 50)	1 piece (SPQ 50)[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	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 description see page 6.41	**24560-255**	**24560-255**	–
Board locking C, red, PU 10 pieces, description see page 6.41	**24560-377**	**24560-377**	–
Board handle C, red, PU 10 pieces, description see page 6.41	**24560-378**	**24560-378**	–
Identification strips for board handle, red, PU 1 sheet = 438 pieces, description see page 6.41	**60817-228**	**60817-228**	–
Coding see page	6.41	6.41	–

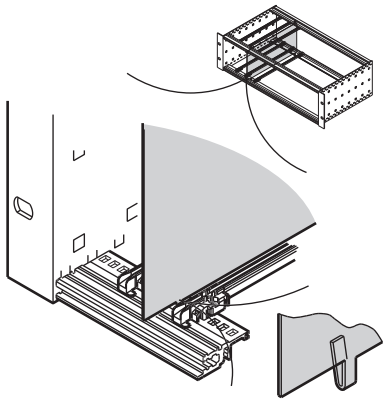
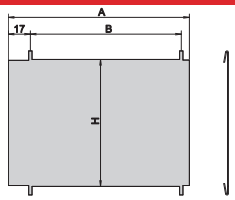
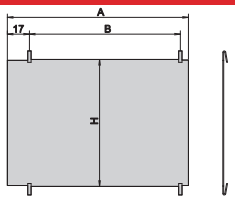
1) SPQ (standard pack quantity): Order number includes 1 piece, but delivery is exclusively made in standard pack quantity (SPQ); please order at least the SPQ quantity or a multiple thereof

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

Further guide rails see page 6.35

DIVIDER PLATE

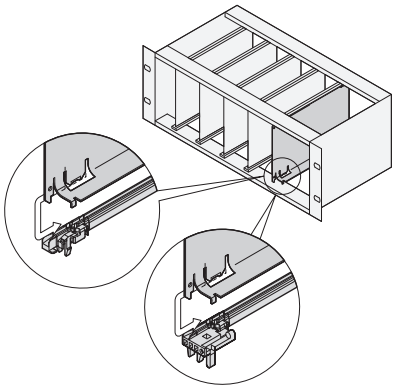
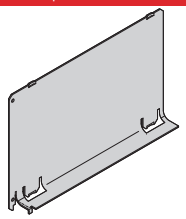
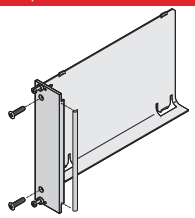
ORDER INFORMATION

	Divider plate	
	Mounting position when stainless steel EMC gasket is used	Mounting position when textile EMC gasket is used
 bpa45912	 front rear bpa45911	 front rear 06105078
	Stainless steel, 1 mm, is mounted by clipping onto horizontal rail, space requirement on component side 2 mm; mounting direction varies with shielding design (EMC stainless steel or textile gasket); retrofitting the divider plate in an already-assembled subrack/case will first require dismantling of the horizontal rails; where front panels are unshielded, both mounting directions are possible	

Height U	Depth mm	A mm	B mm	H mm	PU 10 pieces
3	160	158.3	135.0	113.5	**34562-761**
3	220	218.3	195.0	113.5	**34562-762**
6	160	158.3	135.0	246.9	**34562-763**
6	220	218.3	195.0	246.9	**34562-764**

AIR BAFFLE FOR SLOTS

ORDER INFORMATION

	Air baffle without front panel	Air baffle with front panel U front panel for textile EMC gasket
 06101507	 06108085	 06108088
	Al, 1 mm, incl. assembly kit; prevents an air short circuit in unoccupied slot positions; is pushed into the groove of the guide rails	Air deflector, Al, 1 mm, front panel, Al extrusion, 2.5 mm, front anodised, rear conductive; EMC textile gasket, fixing materials kit prevents an air short-circuit where slots are unoccupied; is pushed into the groove of the guide rails

Depth mm	Width HP	Height U	1 piece	1 piece
160	4	3	**34562-823**	**20848-728**
160	4	6	**34562-826**	**20848-736**
220	4	3	**34562-824**	20848-729
220	4	6	34562-827	20848-737

Part number in bold face type: ready for despatch within 2 working days
Part number in normal type: ready for despatch within 10 working days

Desk-top cases – Introduction

CASE TYPES: DESK-TOP ENCLOSURE/19" CASE



01810002

Desk-top enclosure, ratiopacPRO



02202004

19" case, comptec

Desk-top enclosures

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

The choice is yours:

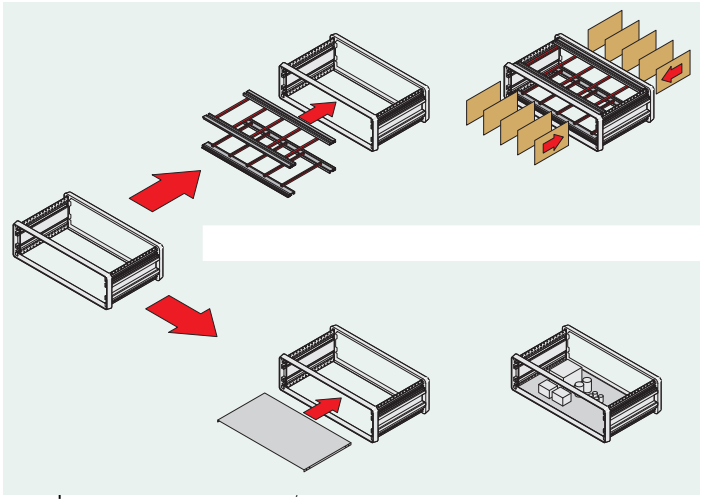
- ratiopacPRO, the universal case with 19" compatible dimensions and high EMC shielding,
  e.g. for CompactPCI and VME64x applications
- propacPRO, the robust case with high EMC shielding for 19"-compatible or custom electronics assemblies
- compacPRO, Desk-top or portable case for unshielded applications

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



003

- 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.

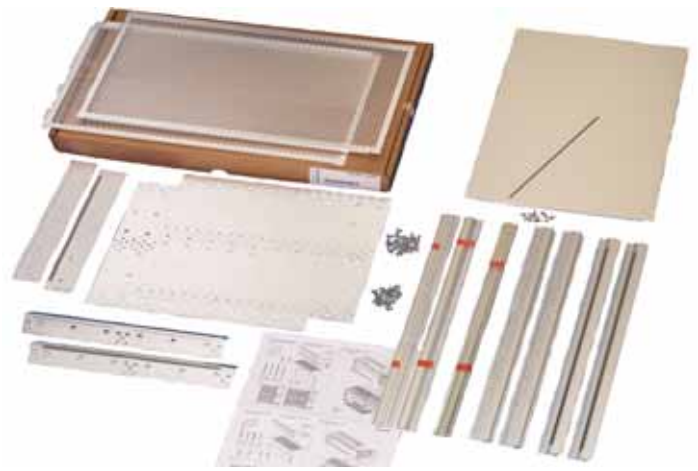
  The intelligent design of all components results in an astonishingly quick and easy assembly of the components.

  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



06104001

Flat pack delivery to save space

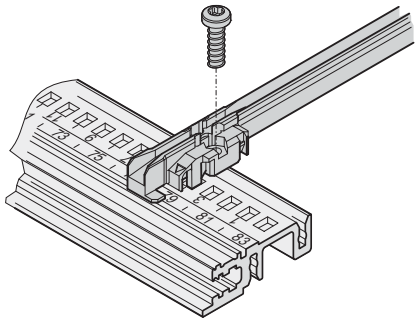
Supplied in space-saving packs. Simply unpack parts and screw together - done.

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



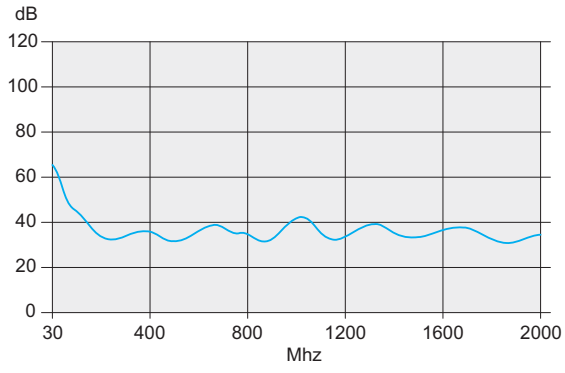
06108084

- 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.

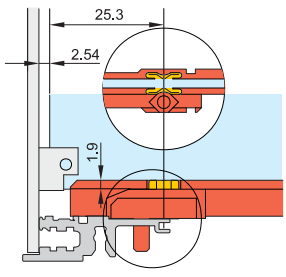
  Guide rails can also be screwed on.

EMC AND ESD



06108081

Shielding



04503050

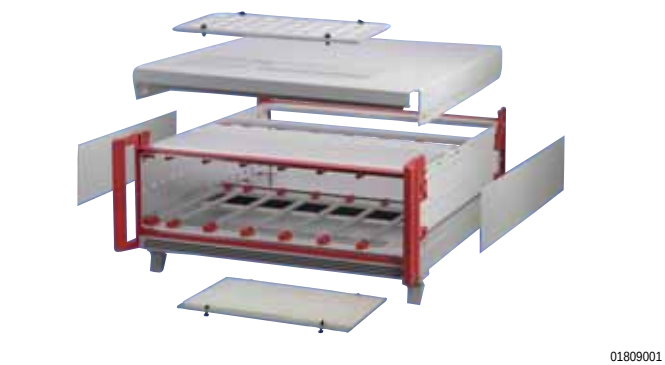
Position of the ESD clip

- 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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Desk-top cases – ServicePLUS

Application examples



01809001

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



01809003

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



02009001

Application: compacPRO case, modified



02009003

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



02009002

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



02009004

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



02109001

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



05809005

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

Desk-top cases – ServicePLUS

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Our powerful portfolio of brands:

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