

CONNECT AND PROTECT

EuropacPRO Industrial Applications

12/2022

nVent
SCHROFF

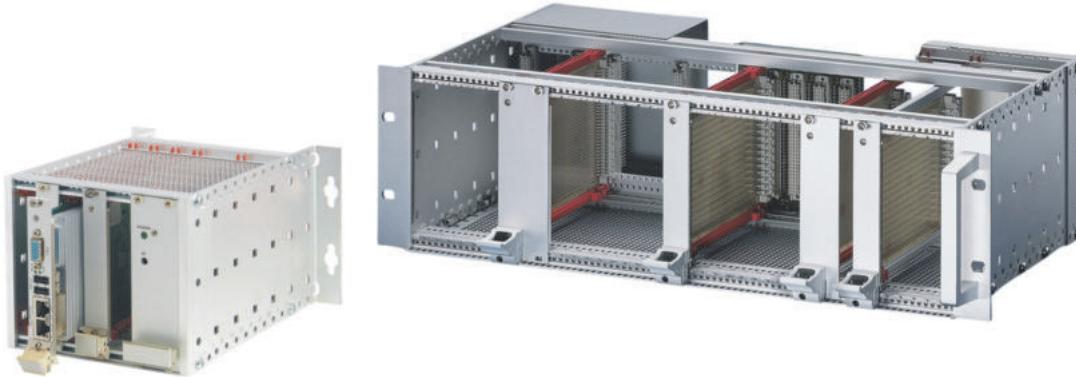
The logo for nVent SCHROFF consists of the word "nVent" in a white, sans-serif font, with a stylized orange and yellow sunburst graphic above the "n". Below "nVent" is a horizontal line, followed by the word "SCHROFF" in a bold, red, sans-serif font.

Subracks – EuropacPRO for Industrial Applications

OVERVIEW

MAIN CATALOG

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06112008

We package your euroboards - even for applications in harsh industrial environments

- A wide range in different dimensions, with finishes for the most diverse applications
- In accordance with the IEC 60297-3-101 and IEEE 1101.1 standards
- Tested to IEC 61587, VG 95373 T15, EN 50155, BN 411002, NF F 67-012, NF F 60-002
- Delivered as a kit in space-saving package or individually assembled and fitted to your specifications

Applications



06112009
Subracks for mounting on mounting plate incl. connection field



06112010
Subracks with special adaptation

Subracks – EuropacPRO for Industrial Applications

OVERVIEW

Subrack for industrial applications

- **Accommodates electronic boards in industrial applications**
- **Mounting frame for power distribution modules (connectors, RCD switches, ...)**
- **Bracket for panel mounting**



06112002

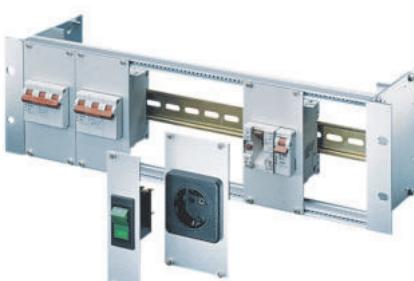
Subrack for mounting on a mounting plate

- Height 3 U, width 28 HP, depth 205 mm
- For mounting on mounting plate
- For direct mounting of backplanes or to fit DIN plugs, DIN 41612/ EN 60603-2

Overview 6.86

Introduction 6.4

Subrack for wall mounting 6.88

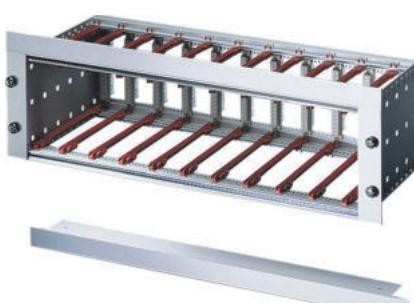


01494031

Module support

- Height 3 U, width 84 HP, depth 115 mm
- Power distribution modules to mount on lipped horizontal rail in accordance with DIN 43880

Module support 6.89



06197021

Bracket for mounting subracks in a panel

- Bracket widths 42 and 84 HP

Bracket for panel mounting 6.90

Accessories 6.91

Accessories

- Accessories (e.g. lipped rail adaptor, horizontal rails)

Application examples 6.85

ServicePLUS

e.g. modification (cut-outs)

e.g. downloads (CAD drawings, user manuals, test reports)

e.g. custom solutions (special depths, electromagnetically shielded applications)

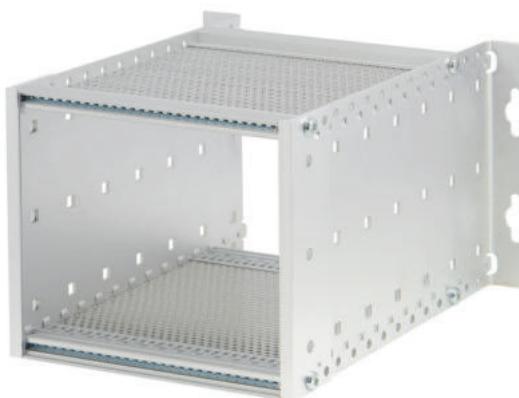
europacPRO 6.6

Subracks for mobile railway applications 6.70

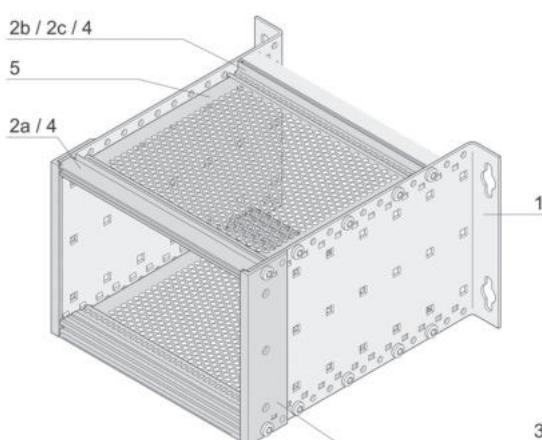
europacPRO for rugged applications 6.92

Subracks – EuropacPRO for Industrial

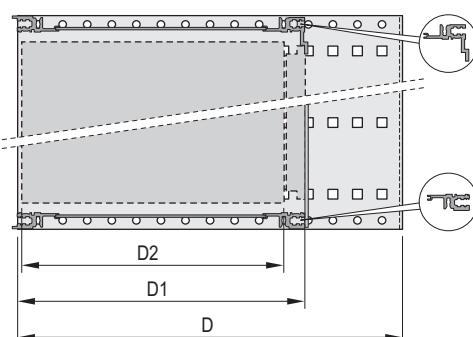
EUROPACPRO SUBRACK, UNSHIELDED



06112001



3

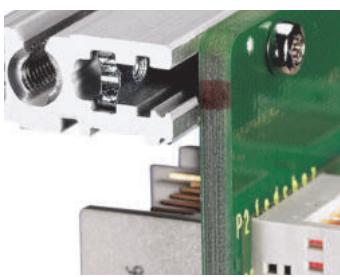


06121050

Connector/backplane mounting;
D=overall depth, D1=insertion depth,
D2=board depth = D1 - 15 mm



Horizontal rail to rear for connector mounting



Horizontal rail to rear for direct backplane mounting

- Subrack to mount on the wall or on mounting plate
- For mounting of euroboards to IEC 60297-3-101 in size 3 U, 160 mm deep
- Versions
 - For connector mounting (DIN 41612, EN 60602-3)
 - For backplane mounting

DELIVERY COMPRISSES

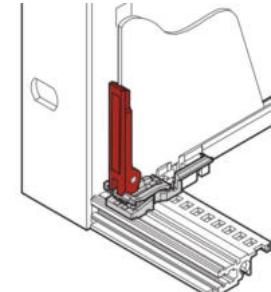
Item	Qty	Description
1	2	Side panel, 3 U, Al, 2 mm with integrated wall-mounting bracket
2a	2	Front horizontal rail (L-KD)
2b	2	Rear horizontal rail (L-RC) for backplane mounting
2c	2	Rear horizontal rail (L-MZ) for connector mounting
3	2	Rear angle
4	2/4	Threaded insert, St, zinc-plated
5	2	Cover plate for inserted in the groove of the horizontal rails
6	1	Fixing materials kit, user manual

ORDER INFORMATION

Description	Height U	Width HP	Depth D mm	Depth D1 mm	Part no.
For connector mounting	3	28	205	175	24563-109
For direct backplane mounting	3	28	205	175	24563-107
Accessories					
Guide rails, accessories, 160 mm deep, PC, UL 94 V-0, red, groove width 2 mm, PU 10 pieces					
24568-363					
ESD-Clip, PU 50 pieces					
24560-255					
Board locking C, red, PU 10 pieces					
24560-377					
Board handle C, red, PU 10 pieces					
24560-378					



Front panels



Page 7.5

Front panel with handle

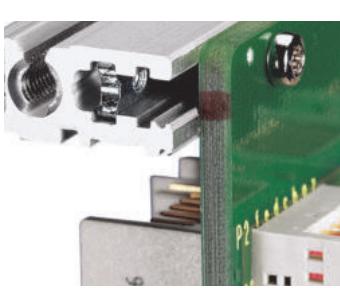
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NOTE

- EMC version on request



Horizontal rail to rear for connector mounting

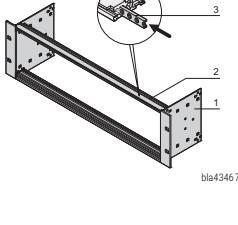
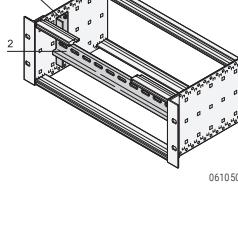
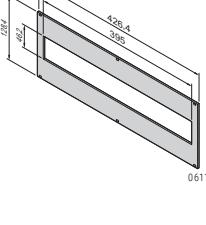
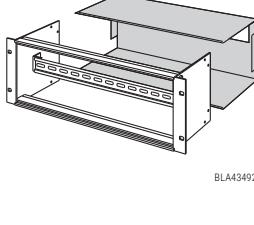


Horizontal rail to rear for direct backplane mounting

Subracks – EuropacPRO for Industrial

19" MODULE SUPPORT, SUPPORT RAIL TO DIN 43880, HOOD

ORDER INFORMATION

	19" module support to accommodate power distribution modules	Support rails to DIN 43880	Front panel for 19" module support	Hood
 01494031	 bla43467 3 U, 84 HP, 115.5 mm deep; 2 side panels Al, 2 mm; 2 horizontal rails with short lip (L-KD), Al extrusion, surface anodised, contact surfaces conductive; 2 threaded inserts, St, zinc-plated; GND/earthing kit; fixing material kit; Please order support rail separately	 06105080 2 adaptor brackets, Al, 2 mm; support rail, St, zinc-plated, (35/7.5 mm); for width 84 HP (430.5 mm); Mounted in module support or subrack on the side panel	 06111053 3 U, 84 HP, Al, 2.5 mm, front anodised, rear iridescent green chromated; GND/earth connection 6.3 mm FASTON; (cut-out 395 mm x 46.2 mm); two blanking plates, plastic, polyester, colour similar to RAL 7035; to cover unused module slots	 BLA43492 Al, 1 mm, with brush strip; is bolted to the rear of the module support; GND/earthing kit
	PU 1 kit	PU 1 kit	1 piece	1 piece
	24563-100	24565-100	24563-096	24564-100

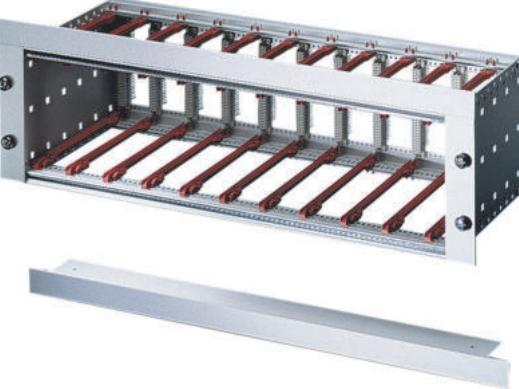
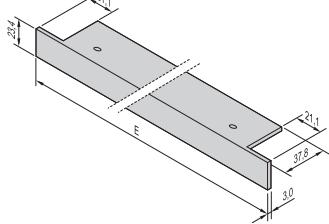
Accessories

- Power distribution modules see page 3.34

Subracks – EuropacPRO for Industrial

BRACKET FOR PANEL MOUNTING

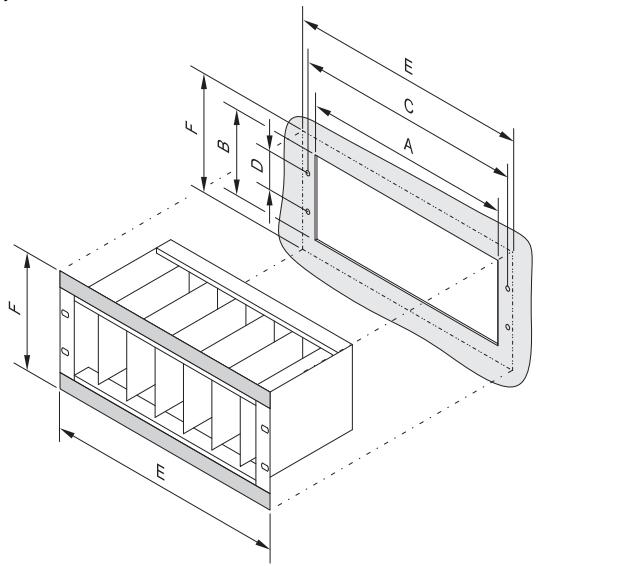
ORDER INFORMATION

		Bracket (mounting angle)
		
06197021		06105067
Usable width HP	Length mm	1 piece
42	269.2	34561-777
84	482.6	34561-779
Torx panhead screw 2.5 x 9.3, zinc-plated, PU 100 pieces		24560-141

NOTE

- Further widths available on request

Assembly cut-out



06105066

Dimensions table

3	42	237.0	145.0	252.0	57.15	269.2	179.4
3	63	343.0	145.0	358.5	57.15	375.9	179.4
3	84	450.0	145.0	465.0	57.15	482.6	179.4
6	42	237.0	278.5	252.0	190.5	269.2	312.7
6	63	343.0	278.5	358.5	190.5	375.9	312.7
6	84	450.0	278.5	465.0	190.5	482.6	312.7

Subracks – EuropacPRO for Industrial

ADAPTOR FOR HORIZONTAL RAIL MOUNTING



- For mounting e.g. small subracks, small wall mounted cases, frame type plug-in units or PSUs on a horizontal rail with lip
- Adaptor is bolted to the desired product and can then be clipped to the lipped horizontal rail (DIN 43880)

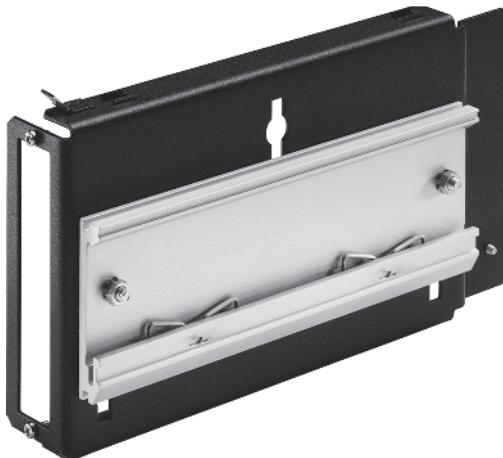
DELIVERY COMPRISSES

Item	Qty	Description
1	1	Adaptor, Al extrusion, length 160 mm
1	1	Assembly kit

ORDER INFORMATION

Description	Part no.
Adaptor for horizontal rail mounting	11000-002

04812021



11395007

Example: Lipped horizontal rail adaptor for 19" PSU

North America

Warwick, RI, USA

Tel +1.401.738.1722

San Diego, CA, USA

Tel +1.858.740.2400

Europe, Middle East & India

Straubenhardt, Germany

Tel +49 7082 794 0

Betschdorf, France

Tel +33 3 88 90 64 90

Warsaw, Poland

Tel +48 22 209 98 35

Hemel Hempstead,

Great Britain

Tel +44 1442 24 04 71

Lainate, Italy

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