

Subracks – for railway applications

Overview 6.70

19" subrack for mobile rail applications

- Shock and vibration resistance to IEC 61587-1, EN 50155, NF F 61-005 / NF F 60-002, BN 411002 and BN 411003
- Versions for CompactPCI applications
- Best suited for high mechanical demands



06102008

BN 411002, 411003 subracks

- Height 3 U and 6 U
- Width 84 HP
- Unshielded and shielded versions



BN 411002/-003 subracks

unshielded 6.73
shielded 6.74



06104006

EN 50155 subrack

- Height 3 U and 6 U
- Width 84 HP
- Unshielded and shielded versions
- Shielded versions for CompactPCI applications

EN 50155 subracks

unshielded 6.75
shielded 6.76
shielded, for CompactPCI 6.77



06104003

SNCF subrack

- Height 3 U and 6 U
- Width 9 T (36 HP) and 21 T (84 HP)
- Unshielded and shielded versions
- Shielded versions for CompactPCI applications



SNCF subracks

unshielded 6.78
shielded 6.79
shielded, for CompactPCI 6.80

Accessories

Guide rails 6.81
Cover plates 6.82
General accessories in europacPRO section 6.17

ServicePLUS .. 6.84

Application examples 6.85

europacPRO 6.6
europacPRO for industrial applications 6.86
europacPRO for rugged applications 6.92



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ServicePLUS from page 6.84

- e.g. modification (cut-outs)
- e.g. downloads (CAD drawings, user manuals, test reports)
- e.g. custom solutions (special depths, electromagnetically shielded applications)

www.schroff.biz/ServicePLUS

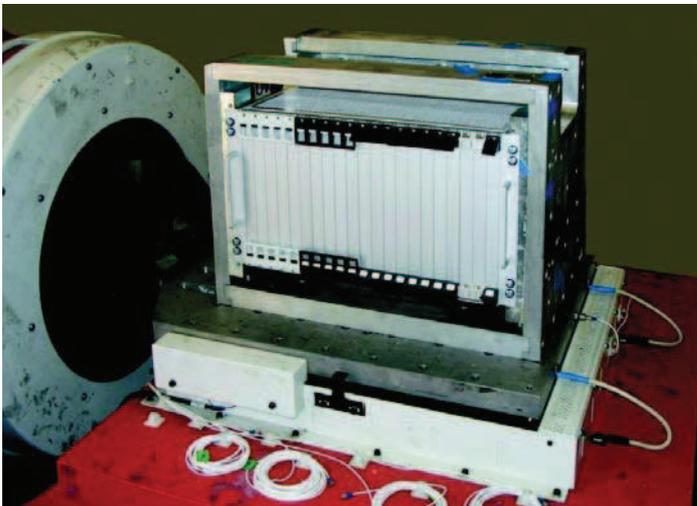
Subracks - *europac PRO* for railway applications

Subrack for mobile rail applications



Solid mechanical construction

Electronics for mobile applications require robust mechanical construction that can withstand extreme environmental conditions. Our enclosure solutions protect the housed electronics thanks to their high mechanical strength and thus are an important element for secure and trouble-free operation of the entire system. Only dependability, down to the last detail, can make complex safety tasks achievable - and also economic.



Shock and vibration resistance

Schrack products assure shock and vibration resistance in mobile applications e.g. by suitable material thicknesses and fixing elements. Tested with typical loads, they offer the best conditions for secure and reliable functioning in individual applications and projects.

Certification of mechanics

High-quality, robust and durable products are an important component for the certification of a complete application in accordance with the European Railway Standard DIN EN 50155, the German Railway Standards BN 411002 and BN 411003 and the French Railway Standards NF F 61-005 and NF F 60-002.

Note

fer = ferroviaire (French) = railway
1 T = 4 HP = 20.32 mm

Railway Technology brochure

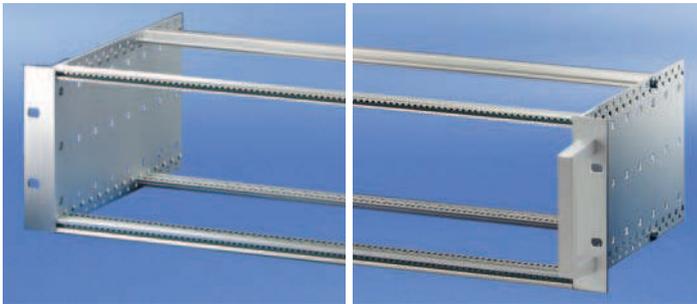
A large amount of general information on our railway systems solutions can be found at www.schrack.co.uk/railway/ and in our "Railway Systems" brochure.



TÜV test report



Subracks - europac PRO for railway applications

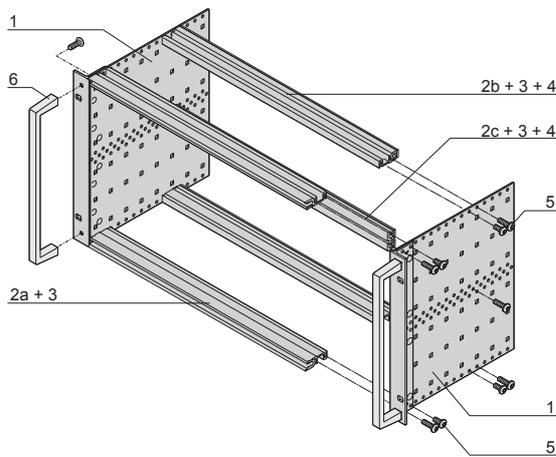


Without front handle

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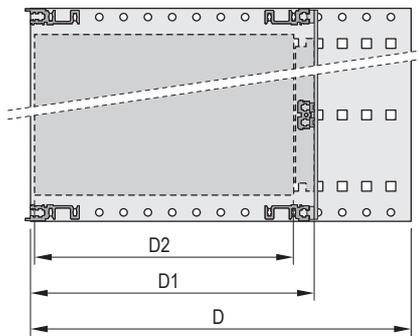
With front handle

06111003



6 U

06111057



D=overall depth, D1=insertion depth,
D2=board depth = D1 - 15 mm

06108052



04400001

Rear horizontal rail for backplane mounting with insulation strip

Kit, unshielded, 'heavy', for backplane mounting



- Subrack with side panel type H ("heavy"), 19" bracket is firmly connected to side panel (tox-cold welded)
- Rear horizontal rail for backplane mounting with insulation strip
- Tested to German Railway Standards BN 411002, BN 411003
- Versions with/without front handles

NEW

Delivery comprises (Kit)

Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H, Al, 2 mm, passivated, with 19" support bracket (tox-cold welded) for textile EMC gasket
2a	2	2	Front horizontal rail (H-KD)
2b	2	2	Rear horizontal rail (H-ST)
2c	-	1	Rear horizontal rail centre (H-ST)
3	4	6	Threaded inserts, front and rear (pre-fitted)
4	2	4	Insulation strip (pre-fitted)
5	1	1	Fixing material kit, user manual
6	2	2	Front handle (on version with front handle only)

Order Information

Height U	Width HP	Depth D mm	Depth D1 mm	Part no. with front handle	Part no. without front handle
3	84	175	175	24567-161	24563-161
3	84	235	175/235	24567-162	24563-162
3	84	295	175/235/295	24567-163	24563-163
3	84	355	175/235/295/355	24567-164	24563-164
6	84	175	175	24567-461	24563-461
6	84	235	175/235	24567-462	24563-462
6	84	295	175/235/295	24567-463	24563-463
6	84	355	175/235/295/355	24567-464	24563-464

Accessories

19" assembly kit (screw, washer, nut) (8 × screws, 8 × plastic washers, 8 × cage nuts) **21100-435**

Guide rails (standard), ESD clips

Depth D2 mm	Qty/PU pieces	Part no.
160	10	24560-351
220	10	24560-353
280	10	24560-379
340	10	24560-380

ESD clip for guide rails PU 50 pieces **24560-255**

Torx panhead screw, for extra bolting of the guide rails, 2.5 × 9.3, zinc-plated, PU 100 pieces **24560-141**

Note

- Perforated rails, cover plates and assembly kit from page 6.34
- Textile EMC gaskets see page 6.21
- Further accessories from page 6.17
- ServicePLUS configuration from page 6.84

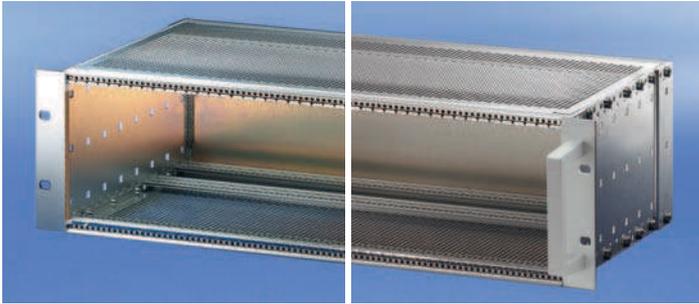


ServicePLUS see page 6.84



For further information www.schroff.biz/oneclick
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Subracks - *europac* PRO for railway applications

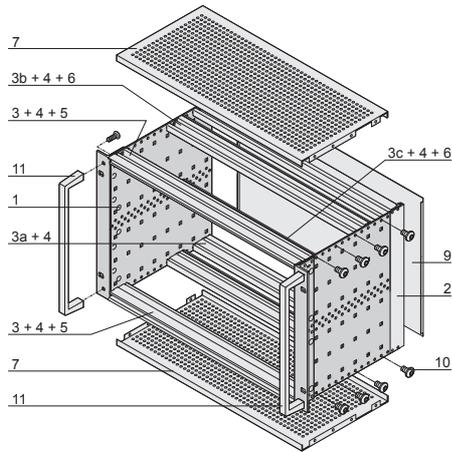


Without front handle

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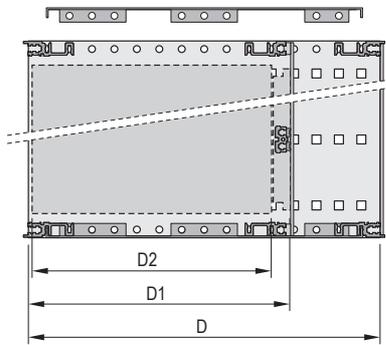
With front handle

06111001



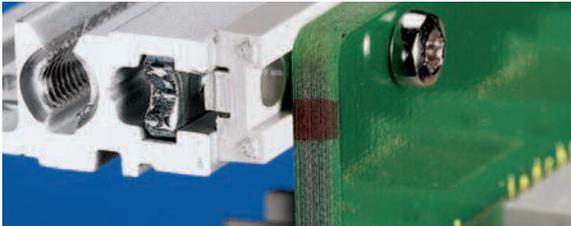
6 U

06111058



06108060

D = overall depth, D1 = insertion depth,
D2 = board depth = D1 - 15 mm



04400001

Rear horizontal rail for backplane mounting with insulation strip

Kit, shielded, "heavy", for backplane mounting



- Subrack with side panel type H ("heavy"), 19" bracket is firmly connected to side panel (tox-cold welded)
- Horizontal rail rear for backplane mounting with insulating strip
- Shielding typically 40 dB at 1 GHz, 30 dB at 2 GHz (in accordance with VG 95373, part 15 or IEC 61587, part 3), under the condition that the front is closed with shielded front panels
- Tested to German Railway Standards BN 411002, BN 411003
- Versions with/without front handles

NEW

Delivery comprises (Kit)

Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H, Al, 2 mm, passivated, with 19" support bracket (tox-cold welded); for textile EMC gasket
2	2	2	Rear corner profile for textile EMC gasket
3	2	2	Front horizontal rail (H-KD)
3 a	2	2	Rear horizontal rail (H-KD)
3 b	2	2	Rear horizontal rail (H-ST)
3 c	-	1	Rear horizontal rail centre (H-ST)
4	6	8	Threaded insert (pre-fitted)
5	2	2	Perforated strip (pre-mounted)
6	2	4	Insulation strip (pre-fitted)
7	2	2	EMC cover plate
8	1	1	EMC gasketing material (pre-fitted)
9	1	1	EMC rear panel
10	1	1	Fixing material kit, user manual
11	2	2	Front handle (on version with front handle only)

Order Information

Height U	Width HP	Depth D mm	Depth D1 mm	Part no. with front handle	Part no. without front handle
3	84	235	175/235	24567-172	24563-172
3	84	295	175/235/295	24567-173	24563-173
3	84	355	175/235/295	24567-174	24563-174
6	84	235	175/235	24567-472	24563-472
6	84	295	175/235/295	24567-473	24563-473
6	84	355	175/235/295	24567-474	24563-474

Accessories

19" assembly kit (screw, washer, nut) (8 x screws, 8 x plastic washers, 8 x cage nuts)	21100-435
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Guide rails (standard), ESD clips

Depth D2 mm	Qty/PU pieces	Part no.
160	10	24560-351
220	10	24560-353
280	10	24560-379

ESD clip for guide rails PU 50 pieces **24560-255**

Torx panhead screw, for extra bolting of the guide rails, 2.5 x 9.3, zinc-plated, PU 100 pieces **24560-141**

- Perforated rail for connectors see page 6.34
- Further accessories from page 6.17
- ServicePLUS configuration from page 6.84



ServicePLUS see page 6.84

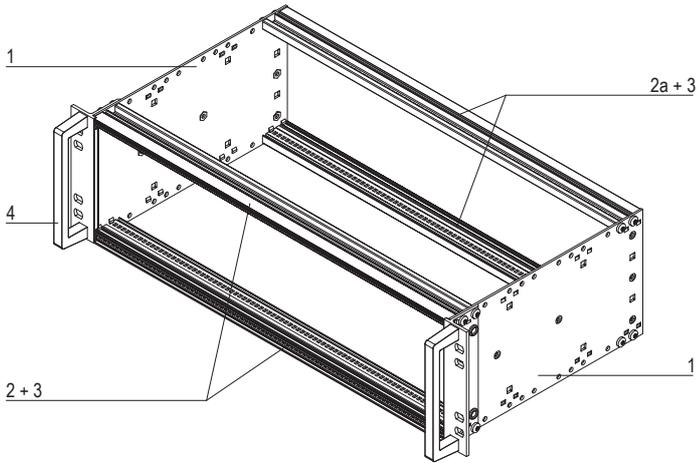
Subracks - europac PRO for railway applications

Kit, EN 50155, unshielded



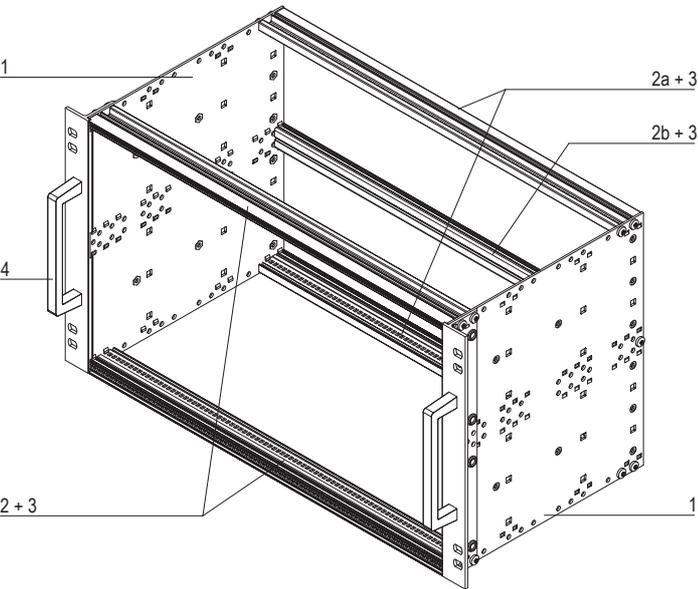
06104005

3 U



06104056

6 U



06104057

- Subrack in robust "heavy" version, 19" bracket is firmly connected to side panel (tox-cold welded)
- For mobile railway applications
- Tested to EN 50155
- 3 U and 6 U, 84 HP, 235 mm deep, for 220 mm board depth

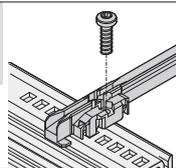
Delivery comprises (kit)

Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); prepared for EMC textile gasket
2	2	2	Front horizontal rail (H-KD)
2 a	2	2	Rear horizontal rail (H-VT)
2 b	-	1	Rear centre horizontal rail (VT)
3	4	6	Threaded inserts
4	2	2	Handles
5	1	1	Assembly kit with self-locking screws
6	1	1	User manual

Order Information

Height	Width	Depth	Part no.
U	HP	mm	
3	84	235	21500-077
6	84	235	21500-078

Accessories

Guide rail, standard, 220 mm deep PBT, UL 94 V-0, red, groove width 2 mm, PU 10 pieces, see page 6.36		24560-353
Panhead screw with Torx M2.5 x 9.3, St, zinc-plated, self-locking, PU 100 pieces		21500-039
ESD clip for guide rails PU 50 pieces		24560-255
Cover plate for screw-fixing onto side panel width 84 HP, depth 220 mm, PU 1 kit		21500-037
Fixing material kit for mounting two subracks in a 19" case or cabinet		21100-435

Note

- Test reports online
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



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



ServicePLUS see page 6.84

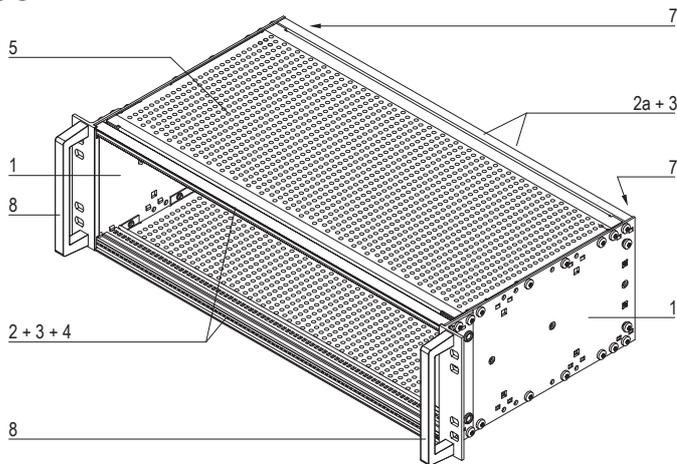
Subracks - europac PRO for railway applications

Kit, EN 50155, shielded



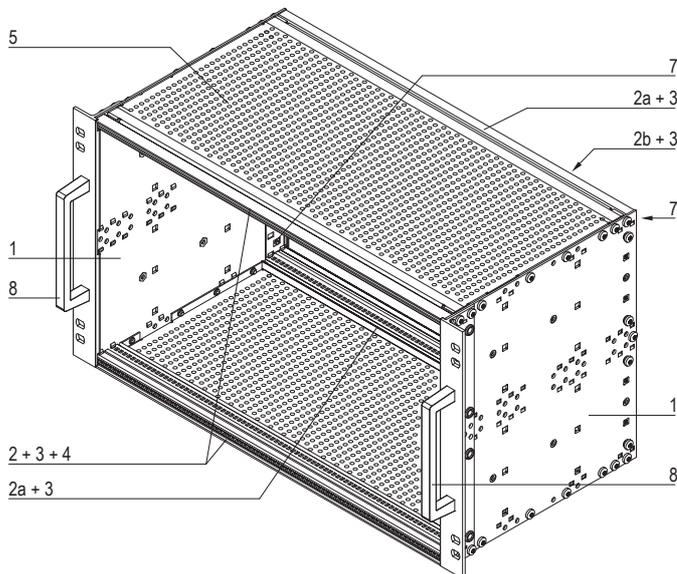
06104006

3 U



06104058

6 U



06104059

- Subrack in robust "heavy" version, 19" bracket is firmly connected to side panel (tox-cold welded)
- For mobile railway applications
- Tested to EN 50155
- 3 U and 6 U, 84 HP, 235 mm deep, for 220 mm board depth

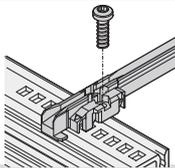
Delivery comprises (kit)

Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); for textile EMC gasket
2	2	2	Front horizontal rail (H-KD)
2 a	2	2	Rear horizontal rail (H-VT)
2 b	-	1	Rear centre horizontal rail (VT)
3	4	6	Threaded inserts
4	2	2	Perforated strip
5	2	2	EMC cover plate 235 T
6	1	1	EMC gasketing kit
7	1	2	Backplane kit – EMC shielding material
8	2	2	Handles
9	1	1	Assembly kit with self-locking screws
10	1	1	User manual

Order Information

Height U	Width HP	Depth mm	Part no.
3	84	235	21500-079
6	84	235	21500-080

Accessories

Guide rail, standard, 220 mm deep PBT, UL 94 V-0, red, groove width 2 mm, PU 10 pieces, see page 6.36		24560-353
Panhead screw with Torx M2.5 x 9.3, St, zinc-plated, self-locking, PU 100 pieces		21500-039
ESD clip for guide rails PU 50 pieces		24560-255
Fixing material kit for mounting two subracks in a 19" case or cabinet		21100-435

Note

- Test reports online
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



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



ServicePLUS see page 6.84

Subracks - europac PRO for railway applications

Kit, EN 50155, shielded, for CompactPCI applications



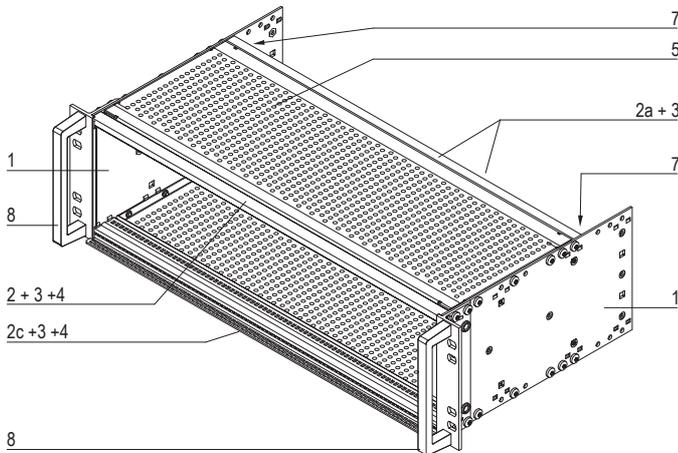
06104007

- Subrack in robust "heavy" version, 19" bracket is firmly connected to side panel (tox-cold welded)
- For mobile railway applications
- Tested to EN 50155
- 3 U and 6 U, 84 HP, 235 mm deep, for 160 mm board depth
- Subrack in accordance with IEEE 1101.10

Delivery comprises (kit)

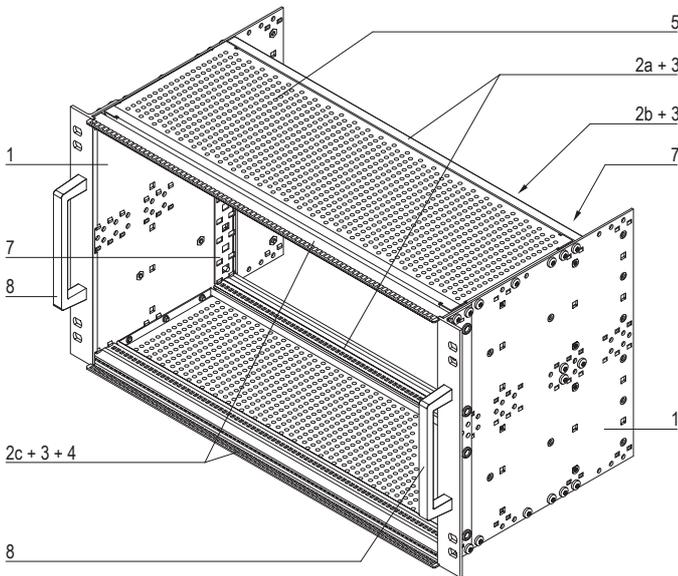
Item	Qty	Description	
		3 U	6 U
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); for textile EMC gasket
2	1	-	Front horizontal rail (H-KD)
2 a	2	2	Rear horizontal rail (H-VT)
2 b	-	1	Rear centre horizontal rail (VT)
2 c	1	2	Front horizontal rail (H-LD)
3	4	6	Threaded inserts
4	2	2	Perforated strip
5	2	2	EMC cover plate, 175 T
6	1	1	EMC gasketing kit
7	1	2	Backplane kit – EMC shielding material
8	2	2	Handles
9	1	1	Assembly kit with self-locking screws
10	1	1	User manual

3 U



06104060

6 U



06104061

Order Information

Height	Width	Depth	Part no.
U	HP	mm	
3	84	235	21500-081
6	84	235	21500-082
Fixing material kit for mounting two subracks in a 19" case or cabinet			21100-435

Note

- Please order guide rails and ESD clips separately, see page 6.81
- Test reports online
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



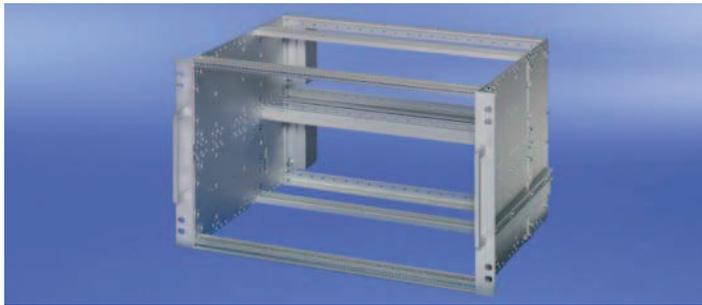
For further information www.schroff.biz/oneclick
oneClick search code = Part no.



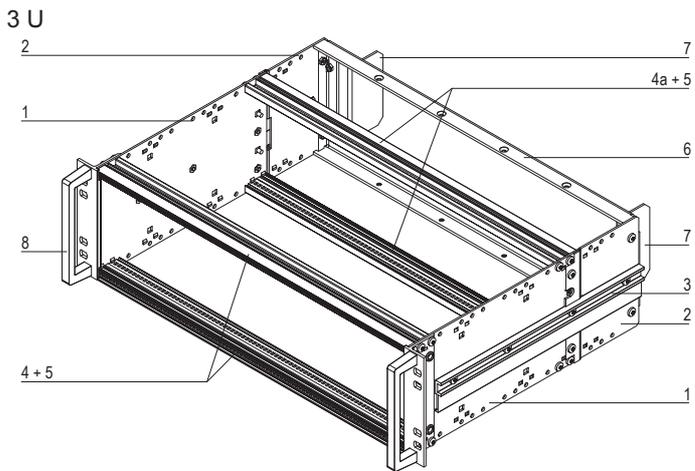
ServicePLUS see page 6.84

Subracks - europac PRO for railway applications

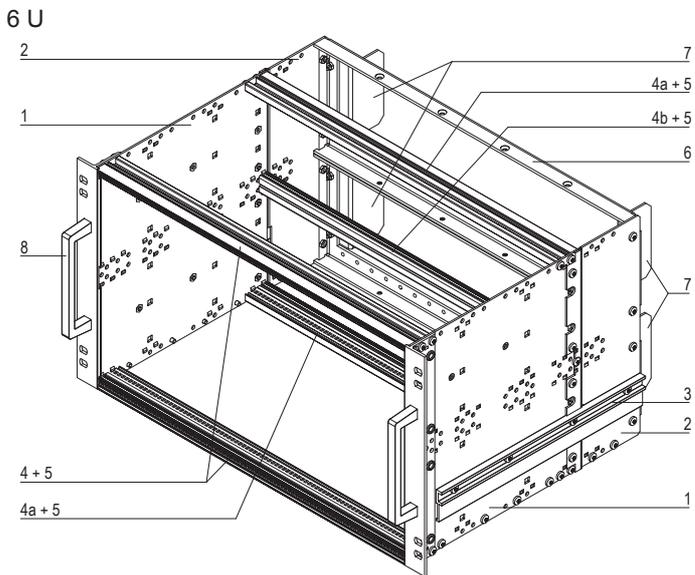
Kit, SNCF, unshielded



06104002

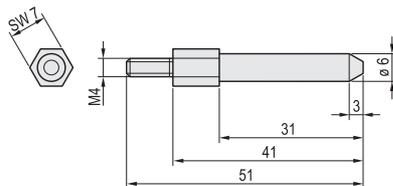


06104050



06104051

Coding peg



06104062



- Subrack, robust "heavy" version, 19" bracket is firmly connected to side panel (tox-cold welded)
- For mobile railway applications
- SNCF listed, europacPRO-fer, tested to NF F 61-005 and NF F 60-002
- 3 U and 6 U, 9 HP and 21 HP, 320 mm deep, for 220 mm board depth

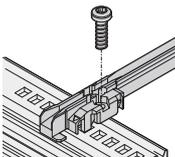
Delivery comprises (kit)

Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); prepared for textile EMC gasket
2	2	2	Side panel extension
3	2	2	Ducting external
4	2	2	Front horizontal rail (H-KD)
4 a	2	2	Rear horizontal rail (H-VT)
4 b	-	1	Rear centre horizontal rail (VT)
5	4	6	Threaded inserts
6	1	2	Rear frame 3 U, 21 T
7	2	4	Protective bracket SNCF
8	2	2	Handle
9	1	1	Assembly kit with self-locking screws
10	1	1	User manual

Order Information

Width mm	Height U	Depth mm	Part no.
36 HP (9 T)	3	320	21500-067
36 HP (9 T)	6	320	21500-070
84 HP (21 T)	3	320	21500-029
84 HP (21 T)	6	320	21500-027

Accessories

Guide rail, standard, 220 mm deep PBT, UL 94 V-0, red, groove width 2 mm, PU 10 pieces, see page 6.36		24560-353
Panhead screw with Torx M2.5 x 9.3, St, zinc-plated, self-locking, PU 100 pieces		21500-039
ESD clip for guide rails PU 50 pieces		24560-255
Coding peg for rear frame, St, white zinc-plated, 1 piece		60895-018
Fixing material kit for mounting two subracks in a 19" case or cabinet		21100-435

Note

- fer = ferroviaire = French Railways, 1 T = 4 HP = 20.32 mm
- Receptacle/mounting frame for subracks, stainless steel, 9 T or 21 T on request
- Test reports online
- Cover plates for bolting on to side panel see page 6.82
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



ServicePLUS see page 6.84



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

Subracks - europacPRO for railway applications

Kit, SNCF, shielded



06104003

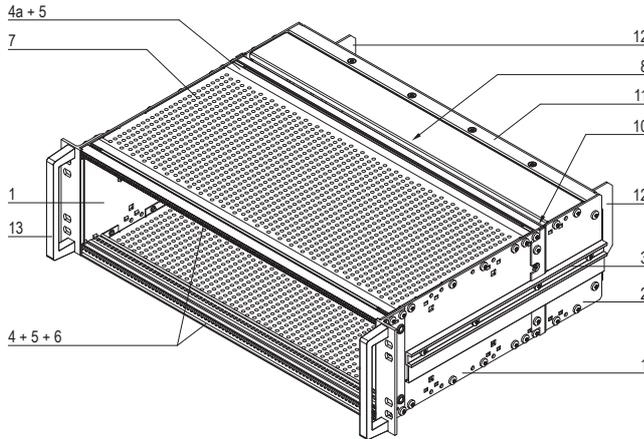
- Subrack, robust "heavy" version, 19" bracket is firmly fixed to side panel (tox-cold welded)
- For mobile railway applications
- SNCF listed, europacPRO-fer, tested to NF F 61-005 and NF F 60-002
- 3 U and 6 U, 9 T and 21 T, 320 mm deep, for 220 mm board depth



Delivery comprises (kit)

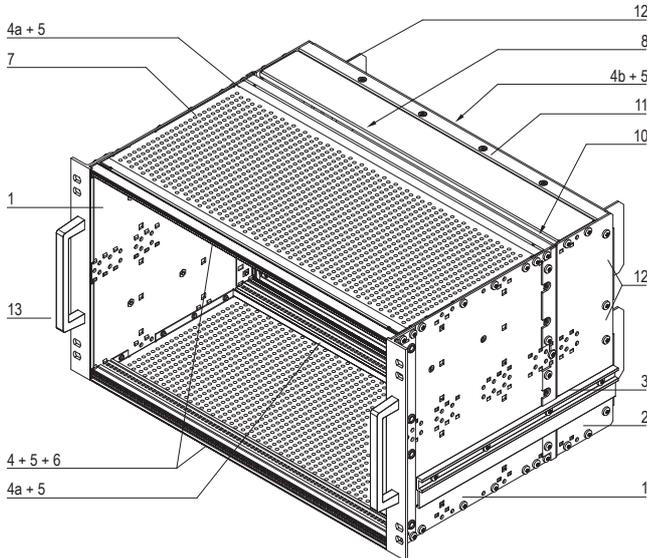
Item	Qty		Description
	3 U	6 U	
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); for textile EMC gasket
2	2	2	Side panel extension
3	2	2	Ducting external
4	2	2	Front horizontal rail (H-KD)
4 a	2	2	Rear horizontal rail (H-VT)
4 b	-	1	Rear centre horizontal rail (VT)
5	4	6	Threaded inserts
6	2	2	Perforated strip
7	2	2	EMC cover plate 235 T
8	2	2	Rear cover plate, 55 T
9	1	1	EMC gasketing kit
10	1	2	Backplane kit – EMC shielding material
11	1	2	Rear frame, 3 U, 21 T
12	2	4	Protective bracket SNCF
13	2	2	Handles
14	1	1	Assembly kit with self-locking screws
15	1	1	User manual

3 U



06104052

6 U

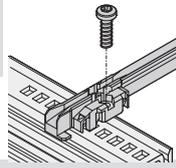


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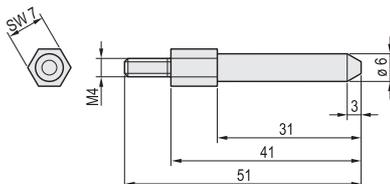
Order Information

Width	Height U	Depth mm	Part no.
36 HP (9 T)	3	320	21500-068
36 HP (9 T)	6	320	21500-071
84 HP (21 T)	3	320	21500-030
84 HP (21 T)	6	320	21500-028

Accessories

Guide rail, standard, 220 mm deep PBT, UL 94 V-0, red, groove width 2 mm, PU 10 pieces, see page 6.36		24560-353
Panhead screw with Torx M2.5 x 9.3, St, zinc-plated, self-locking, PU 100 pieces		21500-039
ESD clip for guide rails PU 50 pieces		24560-255
Coding peg for rear frame, St, white zinc-plated, 1 piece		60895-018
Fixing material kit for mounting two subracks in a 19" case or cabinet		21100-435

Coding peg



06104062

Note

- fer = ferroviaire = French Railways, 1 T = 4 HP = 20.32 mm
- Receptacle/mounting frame for subracks, stainless steel, 9 T or 21 T on request
- Test reports online
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



ServicePLUS see page 6.84

Subracks - europacPRO for railway applications

Kit, SNCF, shielded, for CompactPCI applications



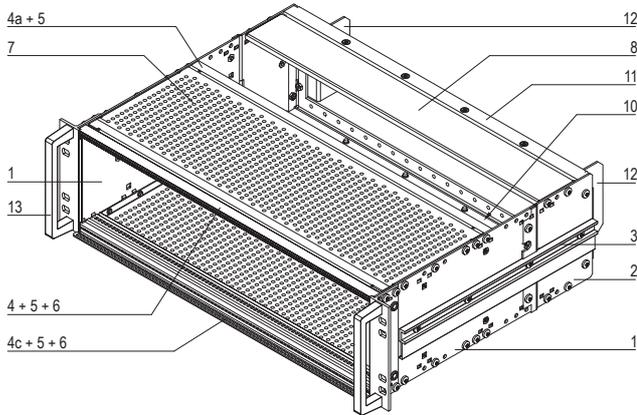
06104004

- Subrack, robust "heavy" version, 19" bracket is firmly fixed to side panel (tox-cold welded)
- For mobile railway applications
- SNCF listed, europacPRO-fer, tested to NF F 61-005 and NF F 60-002
- 3 U and 6 U, 9 HP and 21 HP, 320 mm deep, for 160 mm board depth
- CompactPCI subrack conforming to 1101.10

Delivery comprises (kit)

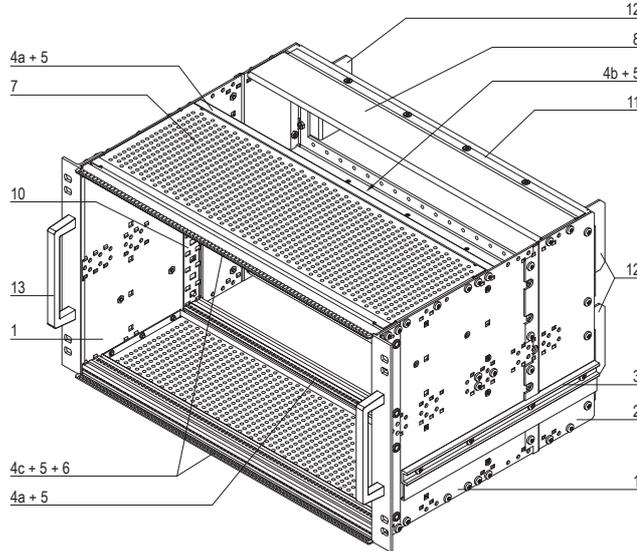
Item	Qty	Description	
3 U		6 U	
1	2	2	Side panel type H with 19" support bracket (tox-cold welded); for textile EMC gasket
2	2	2	Side panel extension
3	2	2	Ducting external
4	1	-	Front horizontal rail (H-KD)
4 a	2	2	Rear horizontal rail (H-VT)
4 b	-	1	Rear centre horizontal rail (VT)
4 c	1	2	Front horizontal rail (H-LD)
5	4	6	Threaded inserts
6	2	2	Perforated strip
7	2	2	EMC cover plate, 175 T
8	2	2	Rear cover plate, 55 T
9	1	1	EMC gasketing kit
10	1	2	Backplane kit – EMC shielding material
11	1	2	Rear frame, 3 U, 21 T
12	2	4	Protective bracket SNCF
13	2	2	Handles
14	1	1	Assembly kit with self-locking screws
15	1	1	User manual

3 U



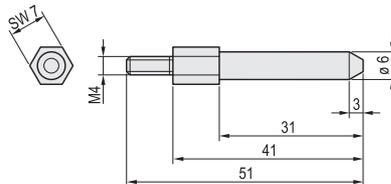
06104054

6 U



06104055

Coding peg



06104062

Order Information

Width	Height	Depth	Part no.
U		mm	
36 HP (9 T)	3	320	21500-069
36 HP (9 T)	6	320	21500-072
84 HP (21 T)	3	320	21500-047
84 HP (21 T)	6	320	21500-046
Coding peg for rear frame, St, white zinc-plated, 1 piece			60895-018
Fixing material kit for mounting two subracks in a 19" case or cabinet			21100-435

Note

- Please order guide rails and ESD clips separately, see page 6.81
- fer = ferroviaire = French Railways, 1 T = 4 HP = 20.32 mm
- Receptacle/mounting frame for subracks, stainless steel, 9 T or 21 T on request
- Test reports online
- ServicePLUS configuration see from page 6.84
- Further accessories see from page 6.17



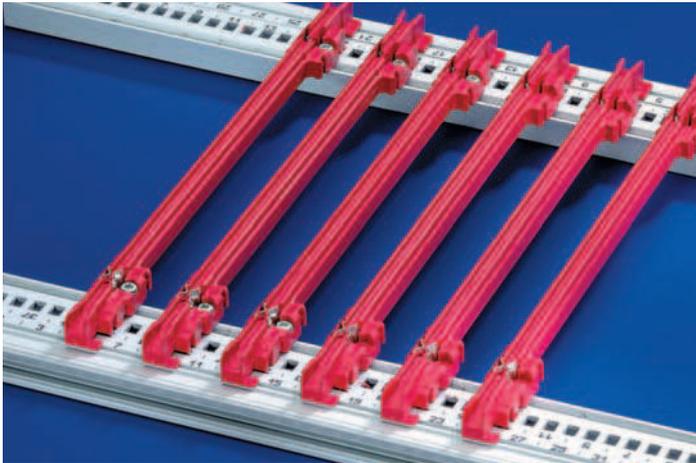
ServicePLUS see page 6.84



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

Subracks - *europac* PRO for railway applications

Guide rails



06102001

- Material PBT, UL 94 V-0, red, groove width 2 mm, for 1.6 mm board thickness

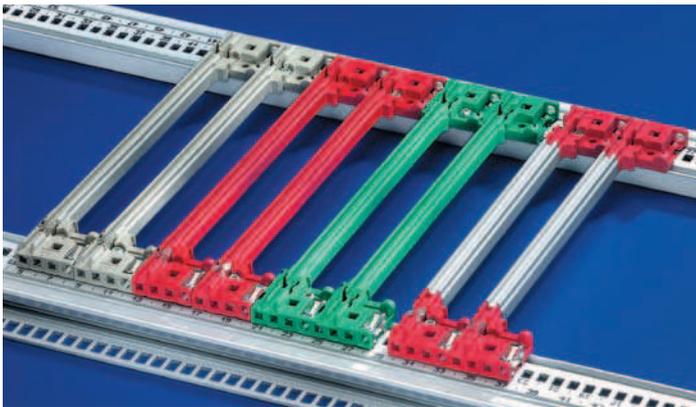
Order Information

Description	Depth mm	Qty/PU	Part no.
Guide rails, accessories, 160 mm deep	160	10	24560-351
Guide rails, standard, 220 mm deep	220	10	24560-353
ESD clip for guide rails PU 50 pieces			24560-255



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

Guide rails with coding for CompactPCI and VME64x



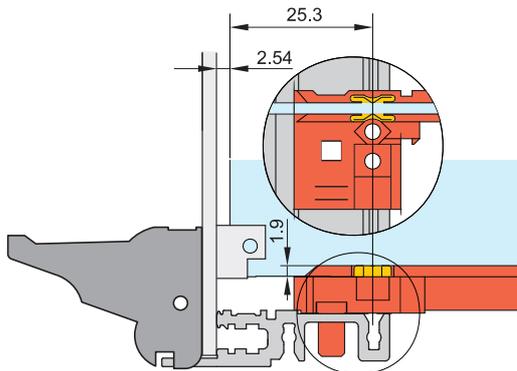
06102003

- The guide rails conform to IEC 60297-3-100 and IEEE 1101.10/11, are 4 HP wide and can be fitted with keying/coding pegs
- Material PBT UL 94 V-0, groove width 2 mm, for board thickness 1.6 mm
- Colour:
 - red (CPU board)
 - grey (periphery board)
 - green (CompactPCI power supply unit, 0.1" offset)

Order Information

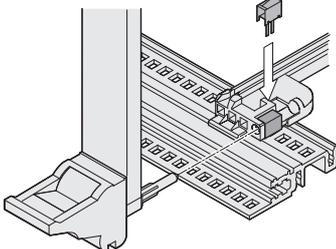
Description	Depth mm	Qty/PU	Part no.
Guide rails with coding, red	160	10	24560-356
Guide rails with coding, grey	160	10	24560-358
Guide rails with coding, green, offset	160	10	24560-359

Guide rails on horizontal rail type H



04505050

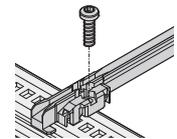
ESD clip for alignment pin



06103052

Panhead screw with Torx

M2.5 x 9.3, St, zinc-plated, self-locking,
PU 100 pieces



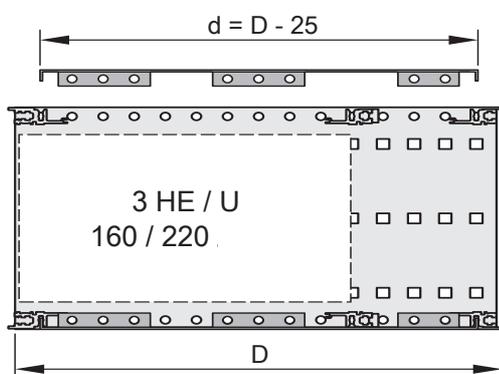
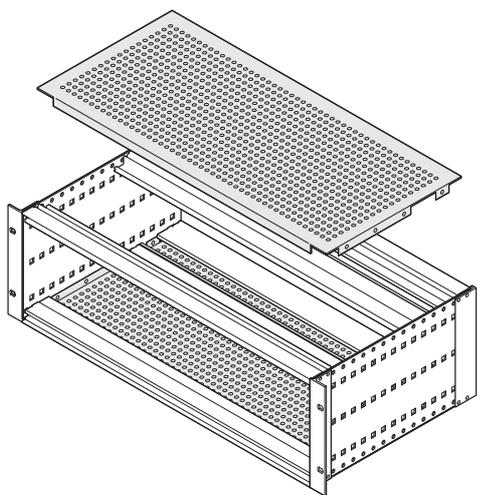
21500-039

ESD clip for guide rails PU 50 pieces	24560-255
ESD clip for alignment pin of CPCI/VME64x handle PU 50 pieces	24560-256
Coding peg PC, UL 94 V-0, RAL 7035, PU 100 pieces	20817-501

- More guide rails see page 6.36
- For inserter/extractor handle type IEL/IET for CompactPCI or VME64x applications see Subracks/Plug-in units section, page 7.18

Subracks - europac PRO for railway applications

Cover plate for screw-fixing onto side panel



Side view for 175 mm and 235 mm depths

- Suitable for use with all horizontal rails
- Cover plate for mounting of 160 mm, 220 mm or 280 mm deep PCBs
- Lateral notch to mount the horizontal rails in depths of 160 mm or 220 mm
- Shielding by optional EMC stainless steel contact strips between cover plate and horizontal rail

Delivery comprises

Item	Qty	Description
1	2	Cover plate, Al, 1.0 mm, clear chromated, hole diameter 4.0 mm, (no perforation at 55 mm depth)
2	16/32	Torx M4 x 6 pentaform bolts, St, zinc-plated

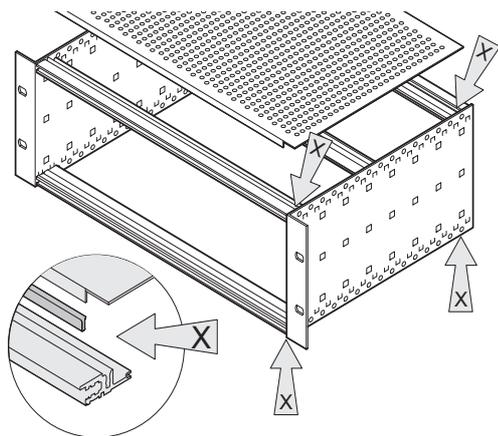
Order Information

Width HP	Depth D mm	Application	Part no.
84	55	–	21500-038
84	175	160	21500-048
84	235	160, 220	21500-037
36	55	–	21500-123
36	175	160	21500-124
36	220	160, 220	21500-122

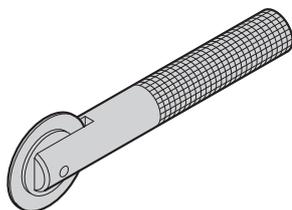
Note

- 4 stainless steel EMC gaskets are necessary per subrack, see page 6.82

EMC gasket (stainless steel) between cover plate and horizontal rail



Assembly tool



- Stainless steel gasket is clipped into horizontal rail and forms the contact cover plate
- Fits all horizontal rails

Order Information

Width HP	Length mm	Qty/PU pieces	Part no.
42	182.4	10	24560-241
63	284.0	10	24560-243
84	395.7	10	24560-245
84	395.7	100	24560-246

Assembly tool For mounting of EMC sealing, St, stainless, in horizontal rails, 1 piece **24560-271**

Note

- When a rear hood is used, the stainless steel EMC gasket ensures the conductive connection between horizontal rail and rear hood

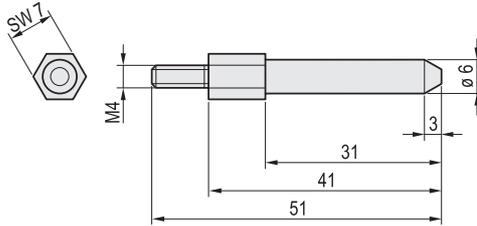


For further information www.schroff.biz/oneclick
oneClick search code = Part no.

aza45938

Subracks - europac PRO for railway applications

Coding peg for rear frame (NFF standard)



06104062

Order Information

Description	Qty/PU	Part no.
Coding peg, St, white zinc-plated	1	60895-018



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

Rear hood for 3 U and 6 U subracks (for stainless steel EMC gasket)

Order Information

<p>bza45814</p>	<p>Rear hood</p> <p>bza45819</p> <p>Al, 1 mm, clear passivated; 60 mm additional side panel depth required (board depth + 60 mm); for shielding please order EMC gasket for horizontal rail separately; cannot be used simultaneously with rear corner profile</p>	<p>Stainless steel EMC gasket, between cover plate and horizontal rail</p> <p>06106052</p> <p>stainless steel EMC gasket, clips into the horizontal rail and forms the contact with the cover plate; suitable for all horizontal rails</p>																								
	<table border="1"> <thead> <tr> <th>Height</th> <th>Width</th> <th></th> <th></th> </tr> <tr> <th>U</th> <th>HP</th> <th>1 piece</th> <th>PU 10 pieces</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>42</td> <td>34561-750</td> <td>24560-241</td> </tr> <tr> <td>3</td> <td>84</td> <td>34561-752</td> <td>24560-245</td> </tr> <tr> <td>6</td> <td>63</td> <td>34561-763</td> <td>24560-243</td> </tr> <tr> <td>6</td> <td>84</td> <td>34561-764</td> <td>24560-245</td> </tr> </tbody> </table>	Height	Width			U	HP	1 piece	PU 10 pieces	3	42	34561-750	24560-241	3	84	34561-752	24560-245	6	63	34561-763	24560-243	6	84	34561-764	24560-245	
Height	Width																									
U	HP	1 piece	PU 10 pieces																							
3	42	34561-750	24560-241																							
3	84	34561-752	24560-245																							
6	63	34561-763	24560-243																							
6	84	34561-764	24560-245																							
<p>Torx panhead screw, M4 × 6, St, zinc-plated, PU 100 pieces</p>	<p>24560-135</p>	<p>—</p>																								
<p>Assembly tool, For EMC gasket, stainless steel (horizontal rails), 1 piece</p>	<p>—</p>	<p>24560-271</p>																								

Note

- Other dimensions of rear hood available on request

Subracks – for railway applications ServicePLUS



configuration

Components can be varied and combined freely

Simple. Fast. For the product you want.

- Configuration tables from page 6.17
- Online configuration: www.schroff.co.uk/configuration



assembly

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

Assembled by professionals. Double benefit!

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



modification

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

Small changes. Large Impact.

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



solution

Integration and custom developments

Simple. Fast. From one source.

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



express

Delivery time to customer's request

When fast has to be faster.

- Express logistics



academy

Knowledge transfer and partnership

Knowledge. Sharing. Partnerships.

- Seminars, CAD drawings, test reports, user reports

Subracks – for railway applications ServicePLUS

Application examples



06108006

Application: Subrack receptacle/mounting frame



06108020

Application: Automatic train control system



41108002

Application: Signalling control systems



41108001

Application: Mobile telephony system



Csee_DSCN2296

Application: Control system



01004031

Application: Train control system