

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

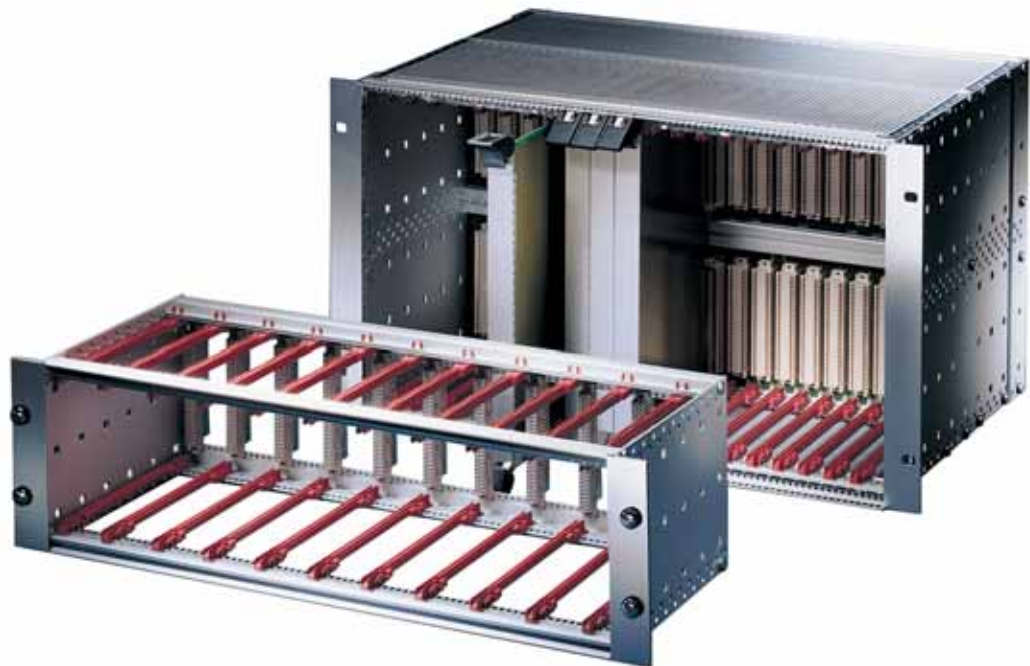
Systems 8

Power supply units 9

Backplanes 10

Connectors, front panel component system 11

Appendix 12



06197001



06112014

Different horizontal rails for various applications



The IEEE handles and shielded front panels are designed for the construction of CompactPCI and VME64x subrack systems



04602002

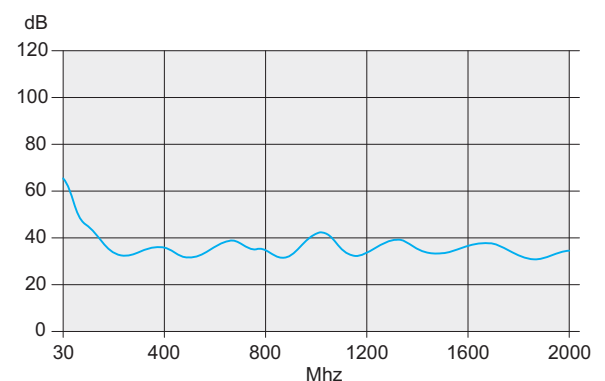
06

Sequential numbering on horizontal rails (> 28 HP) and markings on the guide rails provide quick optical positioning aids. ESD clips can be used at front or rear, to protect electronics from electrostatic discharge

STANDARDS/CERTIFICATIONS

- Inner and outer dimensions meet:
IEC 60297-3-100, -101, -102, -103, -104, -105
IEEE 1101.1 and IEEE 1101.10/11
- Type of protection IP 20 to IEC 60529
- EMC testing to IEC 61587-3
- Shock and vibration test reports:
German "Bahn" standards BN 411002, BN 411003;
NF F 60002, NF F 67012
IEC 61587-2, EN 50155
- Nuclear plants KTA 1401

EMC CURVE



06108081

Subracks – EuropacPRO

OVERVIEW

19" SUBRACKS

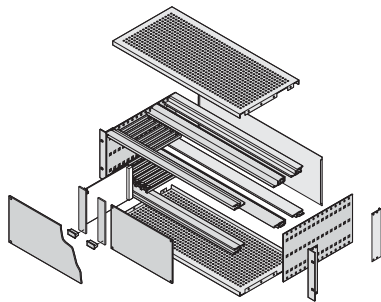
- Kits or individual configuration
- One product and accessories platform for every kind of customer requirement and application
- Suitable for CompactPCI and VME64x insertion and extractor handles
- EMC shielding can easily be retrofitted if needed
- Shock and vibration resistant up to 5 g
- 3D PDF or CAD 3D data available for download



06102008

KITS

- All required parts available under one order number, some pre-fitted
- Most popular dimensions and versions available from stock
- For installed loads up to 7.5 kg, up to 11 kg and up to 15 kg
- As unshielded or shielded version
- Supplied as space-saving flat-pack



06105058

SERVICEPLUS INDIVIDUAL CONFIGURATION

- Single parts may individually be configured, respectively assembled on request (from quantity 1)
- Very wide range of variants in height, width and depth
- Guide rails for different applications
- EMC shielding material to improve EMC performance
- Interior assembly options with mounting plate or combined mounting (3 + 6 U segments)
- Other accessories and assembly kits

SERVICEPLUS

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

Overview 6.6

Introduction. 6.4

Kits

Light 6.8
Flexible 6.9
Heavy 6.14
CompactPCI. 6.16

ServicePLUS configuration

Side panels 6.21
Horizontal rails, threaded inserts, perforated strips 6.29
Guide rails 6.37
Cover plates 6.44
EMC shielding 6.54
Interior assemblies. 6.59
Assembly kits 6.65

Application examples 6.71

Subracks for mobile railway applications 6.70

europacPRO for industrial applications 6.86

europacPRO for rugged applications 6.92

Subracks – EuropacPRO

KIT, FOR COMPACTPCI, FOR BACKPLANE MOUNTING, FOR REAR I/O, SHIELDED

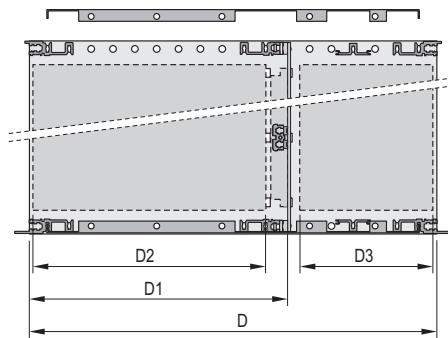
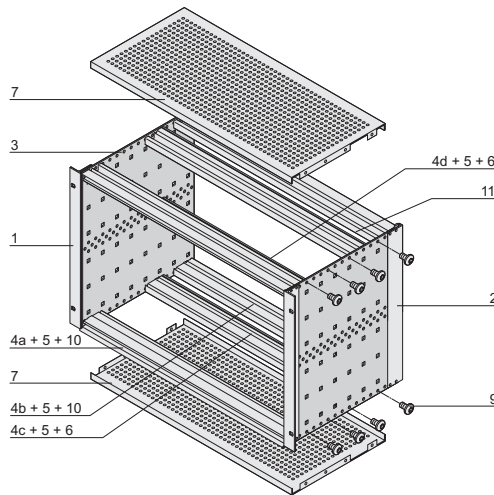


- Subrack with side panel type F ("flexible") for CompactPCI plug-in units with high insertion and withdrawal forces
- For rear I/O boards (depth 80 mm)
- Rear horizontal rail for backplane mounting with insulation strip
- Shielding typically 40 dB at 1 GHz, 30 dB at 2 GHz, assuming that the front is covered with shielded front panels
- Installed load up to 11 kg

DELIVERY COMPRISES (kit)

Item	Qty	3 U	6 U	Description
1	2	2		19" support bracket for EMC textile gasket
2	2	2		Rear corner profile for EMC textile gasket
3	2	2		Side panel type F
4	1	-		Front horizontal rail (H-KD)
4 a	1	2		Front horizontal rail IEEE (H-LD)
4 b	2	2		Rear horizontal rail (H-KD)
4 c	2	2		Rear horizontal rail (H-ST), with insulation strip for backplane mounting
4 d	-	1		Centre horizontal rail (ST)
5	6	8		Threaded insert (pre-fitted)
6	2	4		Insulation strip, fixed
7	2	2		EMC cover plate
8	1	1		EMC gasketing material (pre-fitted)
9	1	1		Fixing material kit
10	2	2		Perforated strip (pre-fitted)
11	2	2		Horizontal rail type AB
12	1	1		User manual

6 U



D = overall depth, D1 = insertion depth,
D2 = board depth = D1 - 15 mm, D3 = rear I/O board depth



Rear horizontal rail for backplane mounting with insulation strip

ORDER INFORMATION

Height	Width	Depth D	Depth D1	Depth D3	Part no.
U	HP	mm	mm	mm	
3	84	275	175	80	24563-157
6	84	275	175	80	24563-457

Accessories

Guide rail with coding, red 160 mm deep, PBT, UL 94 V-0, groove width 2 mm, PU 10 pieces	24560-356
Guide rail with coding, grey 160 mm deep, PBT, UL 94 V-0, groove width 2 mm, PU 10 pieces	24560-358
Guide rail with coding, green, offset 160 mm deep, PBT, UL 94 V-0, groove width 2 mm, PU 10 pieces	24560-359
ESD clip for guide rails PU 50 pieces	24560-255
ESD clip for alignment pin of CPCI/VME64x handle PU 50 pieces	24560-256
Guide rail with coding, red 70 mm deep, PU 10 pieces	24560-355
Guide rail with coding, grey 70 mm deep, PU 10 pieces	24560-360
Torx panhead screw 2.5 x 9.3, zinc-plated, PU 100 pieces; torque max. 0.2 Nm	24560-141
Coding peg PC, UL 94 V-0, RAL 7035, PU 100 pieces	20817-501
19" fixing material kit (screw, washer, nut) (8 x screws, 8 x plastic washers, 8 x cage nuts)	21100-435