

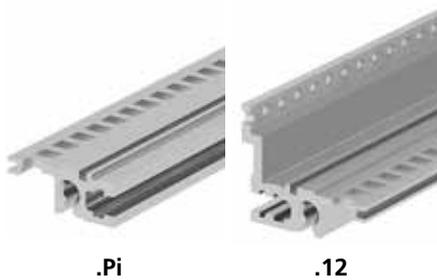
The product advantages



The subracks in the Interzoll Modul series have the option of continuous EMC screening. All enclosure components can be connected conductively by means of specially-matched EMC accessories.



Interzoll Modul provides a matching card guide for every situation – and with mechanical coding on request. To unlock, apply side pressure.



Versions for backplane technology (.Pi) for direct screw-on connectors (.12) acc. to DIN EN 60603-2, and for plug-in units acc. to IEC 60297-3-101.



Subracks and accessories with the BN designation are certified for use in buses and rail vehicles.



The support brackets are firmly pressed to the side panel to cope with extreme mechanical loads. All side panels are passivated and have a conductive function.



Quick-Finder:
www.bopla.de/85

Examples of use





BOPLA

A Phoenix Mecano Company

Interzoll Modul



Colour:

Anodized in natural color

Production class:

IP40 / DIN EN 60529

IP20 / DIN EN 60529 with ventilation (ADG...-L)

Material:

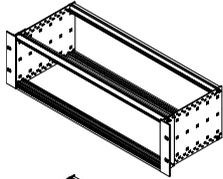
Profiles: Al Mg Si 0,5, anodized

For details see technical information.

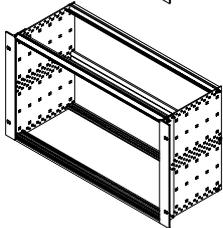


Enclosure sizes

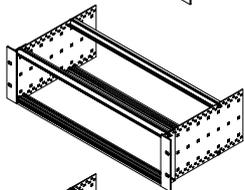
BGT M 18380



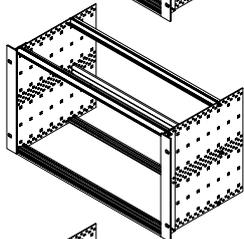
BGT M 18680



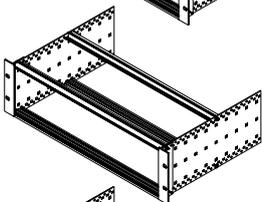
BGT M 24380



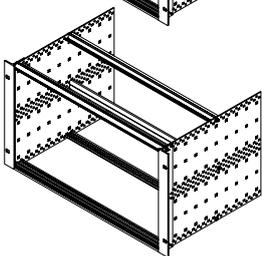
BGT M 24680



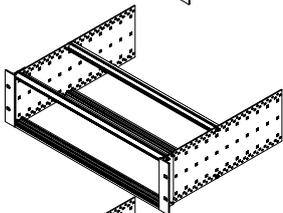
BGT M 30380



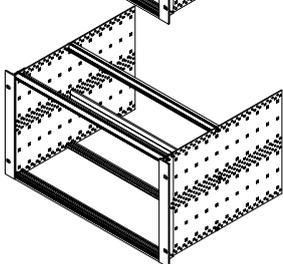
BGT M 30680



BGT M 36380

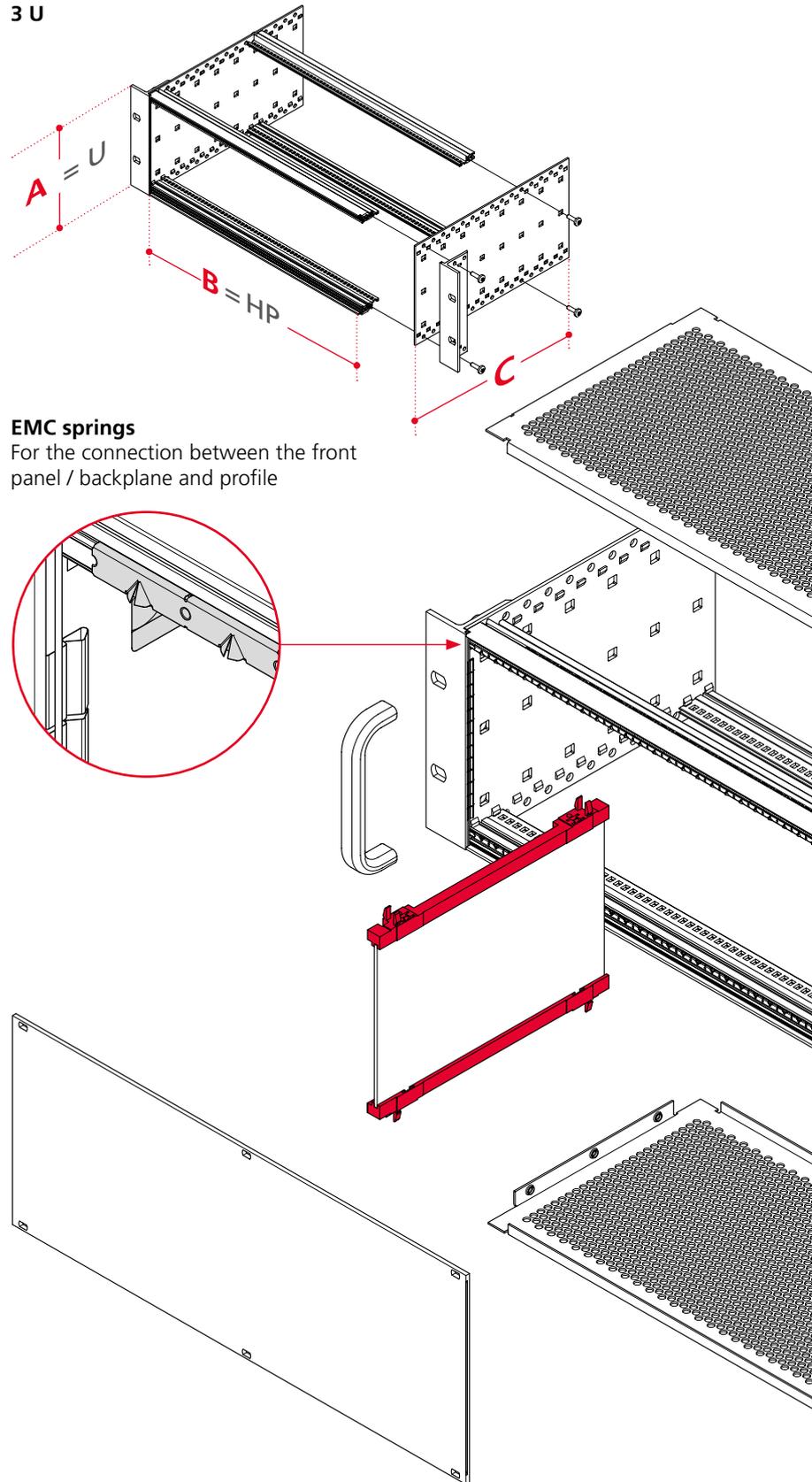


BGT M 36680



Design types

3 U



EMC springs

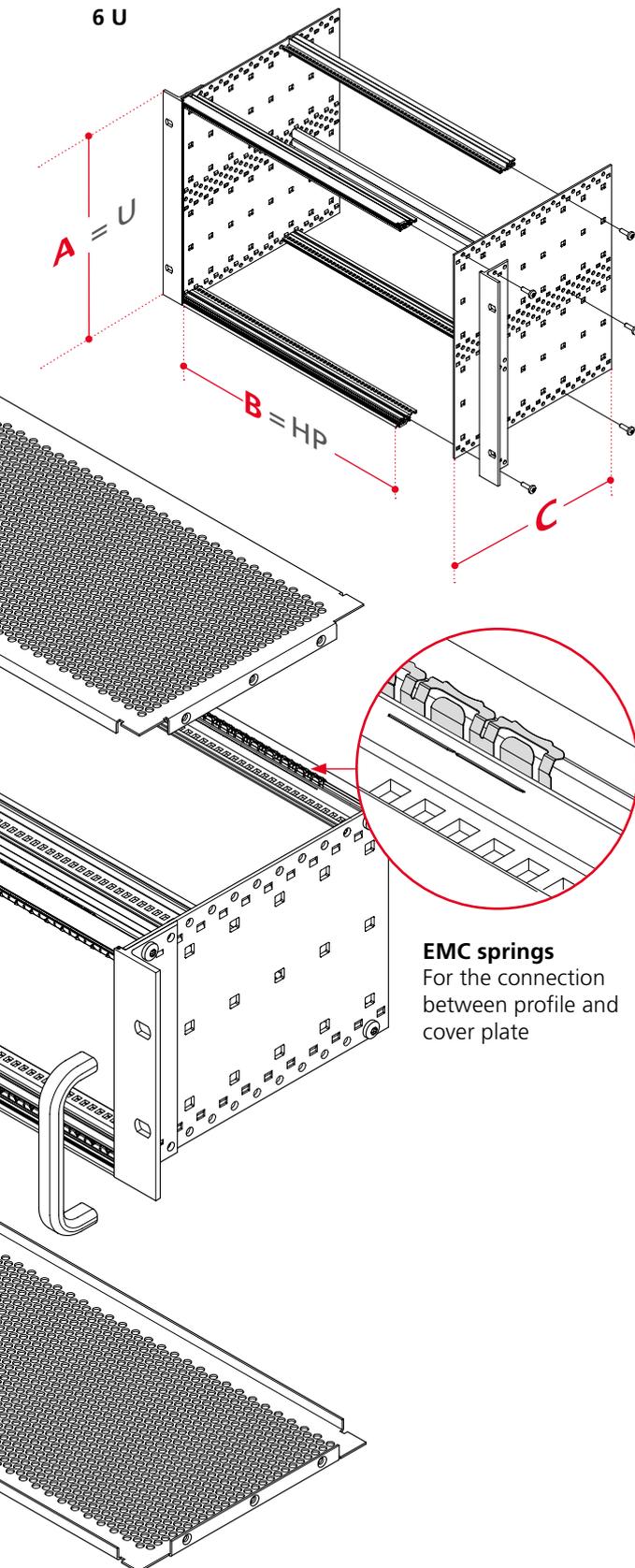
For the connection between the front panel / backplane and profile



BOPLA

A Phoenix Mecano Company

Interzoll Modul



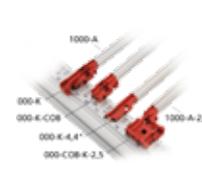
Dimensions

Model	A	B	C	HP
3 U For backplanes (.Pi) or connectors(.12)				
BGT / M 18340	132.5	269.24	178	42
BGT / M 24340	132.5	269.24	238	42
BGT / M 30340	132.5	269.24	298	42
BGT / M 36340	132.5	269.24	358	42
BGT / M 18360	132.5	375.92	178	63
BGT / M 24360	132.5	375.92	238	63
BGT / M 30360	132.5	375.92	298	63
BGT / M 36360	132.5	375.92	358	63
BGT / M 18380	132.5	482.6	178	84
BGT / M 24380	132.5	482.6	238	84
BGT / M 30380	132.5	482.6	298	84
BGT / M 36380	132.5	482.6	358	84
6 U For backplanes (.Pi) or connectors (.12)				
BGT / M 18640	265.9	269.24	178	42
BGT / M 24640	265.9	269.24	238	42
BGT / M 30640	265.9	269.24	298	42
BGT / M 36640	265.9	269.24	358	42
BGT / M 18660	265.9	375.92	178	63
BGT / M 24660	265.9	375.92	238	63
BGT / M 30660	265.9	375.92	298	63
BGT / M 36660	265.9	375.92	358	63
BGT / M 18680	265.9	482.6	178	84
BGT / M 24680	265.9	482.6	238	84
BGT / M 30680	265.9	482.6	298	84
BGT / M 36680	265.9	482.6	358	84

Accessories



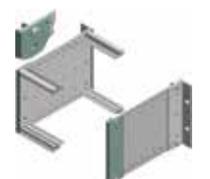
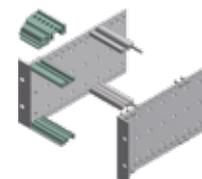
Shielded rear hood



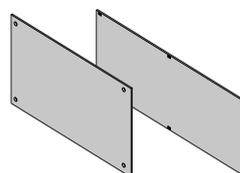
Card guide



Handles / Flanges



Various profiles e.g. front profiles, (double) bus profiles, rear profiles, double connector profiles, snap profiles, end profiles



Front and part front panels in different versions

Interzoll Modul

Subrack for backplanes (.Pi)

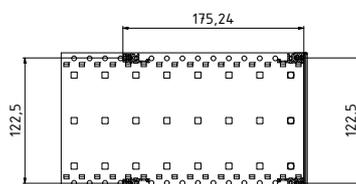
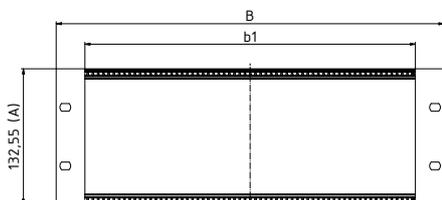
Subrack, 3 U, for backplanes (.Pi)



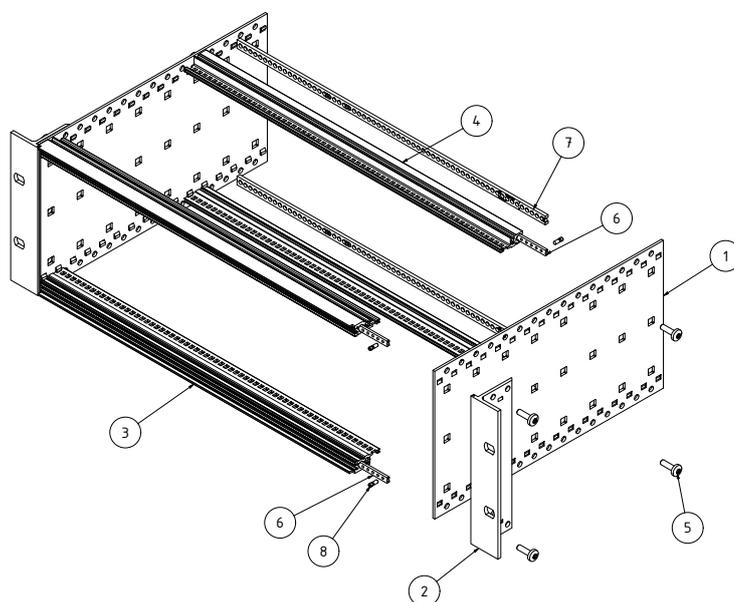
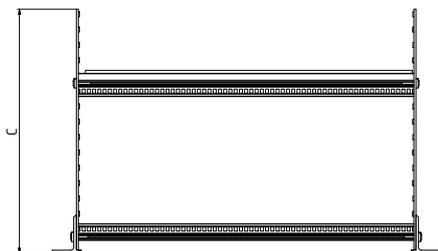
Model	Order no.	A	B	C	b1	U	HP	Card depth
BGT/M 18340.Pi	85183425	132.5	269.24	178	213.64	3	42	160
BGT/M 24340.Pi	85243425	132.5	269.24	238	213.64	3	42	160, 220
BGT/M 30340.Pi	85303425	132.5	269.24	298	213.64	3	42	160, 220, 280
BGT/M 36340.Pi	85363425	132.5	269.24	358	213.64	3	42	160, 220, 280, 340
BGT/M 18360.Pi	85183625	132.5	375.92	178	320.32	3	63	160
BGT/M 24360.Pi	85243625	132.5	375.92	238	320.32	3	63	160, 220
BGT/M 30360.Pi	85303625	132.5	375.92	298	320.32	3	63	160, 220, 280
BGT/M 36360.Pi	85363625	132.5	375.92	358	320.32	3	63	160, 220, 280, 340
BGT/M 18380.Pi	85183825	132.5	482.6	178	427	3	84	160
BGT/M 24380.Pi	85243825	132.5	482.6	238	427	3	84	160, 220
BGT/M 30380.Pi	85303825	132.5	482.6	298	427	3	84	160, 220, 280
BGT/M 36380.Pi	85363825	132.5	482.6	358	427	3	84	160, 220, 280, 340

Scope Of Delivery: 1) 2 side panels (BSW/M ..300) 2) 2 flanges (FL/M 00300) 3) 2 front profiles (PF/M 000..) 4) 2 bus profiles (PB/M 000..) 5) Mounting material (BFS 0100)

Notes: If the ejector handles are used acc. to DIN IEC 60297-3-102 / IEEE 1101.10, the subrack must be fitted with the appropriate PF/M 000.. BN-HG front profile. The required subracks can be supplied on request.



Z-2904358



Interzoll Modul

Subrack for backplanes (.Pi)

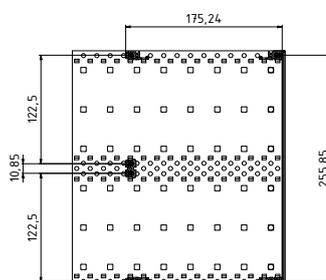
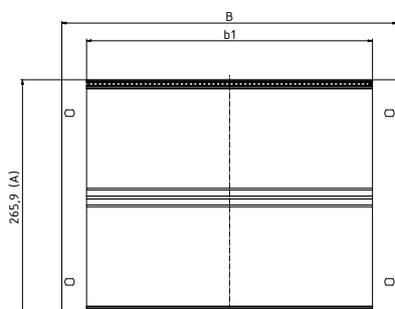
Subrack 6 U for backplanes (.Pi)

Model	Order no.	A	B	C	b1	U	HP	Card depth
BGT/M 18640.Pi	85186425	265.9	269.24	178	213.64	6	42	160
BGT/M 24640.Pi	85246425	265.9	269.24	238	213.64	6	42	160, 220
BGT/M 30640.Pi	85306425	265.9	269.24	298	213.64	6	42	160, 220, 280
BGT/M 36640.Pi	85366425	265.9	269.24	358	213.64	6	42	160, 220, 280, 340
BGT/M 18660.Pi	85186625	265.9	375.92	178	320.32	6	63	160
BGT/M 24660.Pi	85246625	265.9	375.92	238	320.32	6	63	160, 220
BGT/M 30660.Pi	85306625	265.9	375.92	298	320.32	6	63	160, 220, 280
BGT/M 36660.Pi	85366625	265.9	375.92	358	320.32	6	63	160, 220, 280, 340
BGT/M 18680.Pi	85186825	265.9	482.6	178	427	6	84	160
BGT/M 24680.Pi	85246825	265.9	482.6	238	427	6	84	160, 220
BGT/M 30680.Pi	85306825	265.9	482.6	298	427	6	84	160, 220, 280
BGT/M 36680.Pi	85366825	265.9	482.6	358	427	6	84	160, 220, 280, 340

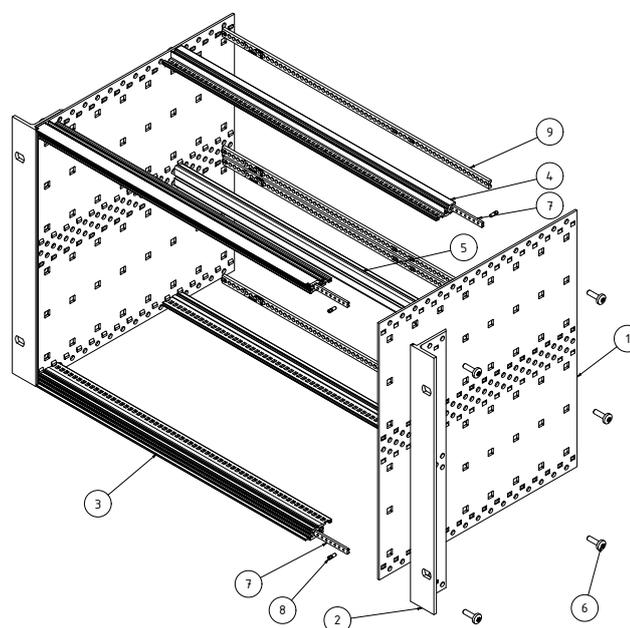
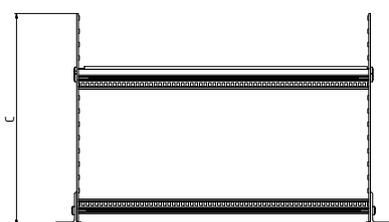


Scope Of Delivery: 1) 2 side panels (BSW/M ..600) 2) 2 flanges (FL/M 00600) 3) 2 front profiles (PF/M 000..) 4) 2 bus profiles (PB/M 000..) 5) 1 double bus profile (PBD/M 006..) 6) Mounting material (BFS 0100)

Notes: If the ejector handles are used acc. to DIN IEC 60297-3-102 / IEEE 1101.10, the subrack must be fitted with the appropriate PF/M 000.. BN-HG front profile. The required subracks can be supplied on request.



Z-2904360



Interzoll Modul

Subrack for connectors (.12)

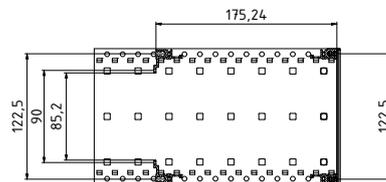
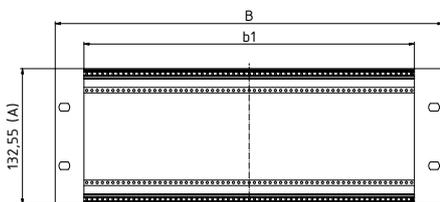
Subrack 3 U for connectors (.12)



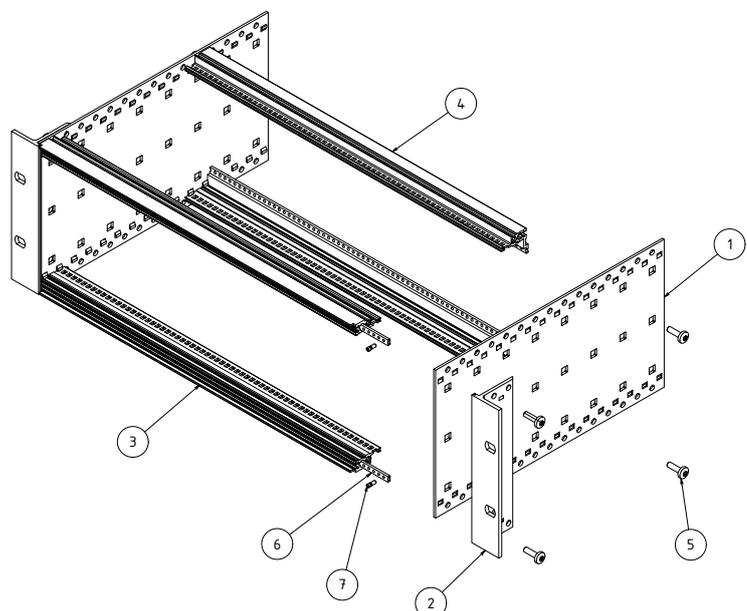
Model	Order no.	A	B	C	b1	U	HP	Card depth
BGT/M 18340.12	85183405	132.5	269.24	178	213.64	3	42	160
BGT/M 24340.12	85243405	132.5	269.24	238	213.64	3	42	160, 220
BGT/M 30340.12	85303405	132.5	269.24	298	213.64	3	42	160, 220, 280
BGT/M 36340.12	85363405	132.5	269.24	358	213.64	3	42	160, 220, 280, 340
BGT/M 18360.12	85183605	132.5	375.92	178	320.32	3	63	160
BGT/M 24360.12	85243605	132.5	375.92	238	320.32	3	63	160, 220
BGT/M 30360.12	85303605	132.5	375.92	298	320.32	3	63	160, 220, 280
BGT/M 36360.12	85363605	132.5	375.92	358	320.32	3	63	160, 220, 280, 340
BGT/M 18380.12	85183805	132.5	482.6	178	427	3	84	160
BGT/M 24380.12	85243805	132.5	482.6	238	427	3	84	160, 220
BGT/M 30380.12	85303805	132.5	482.6	298	427	3	84	160, 220, 280
BGT/M 36380.12	85363805	132.5	482.6	358	427	3	84	160, 220, 280, 340

Scope Of Delivery: 1) 2 side panels (BSW/M ..300) 2) 2 flanges (FL/M 00300) 3) 2 front profiles (PF/M 000..) 4) 2 bus profiles (PB/M 000..) 5) Mounting material (BFS 0100)

Notes: If the ejector handles are used acc. to DIN IEC 60297-3-102 / IEEE 1101.10, the subrack must be fitted with the appropriate PF/M 000.. BN-HG front profile. The required subracks can be supplied on request.



Z-2904.359



Interzoll Modul

Subrack for connectors (.12)

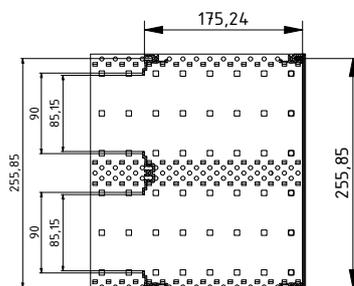
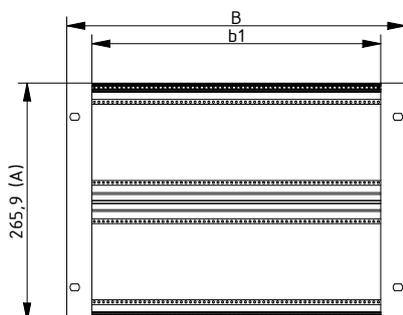
Subrack 6 U for connectors (.12)

Model	Order no.	A	B	C	b1	U	HP	Card depth
BGT/M 18640.12	85186405	265.9	269.24	178	213.64	6	42	160
BGT/M 24640.12	85246405	265.9	269.24	238	213.64	6	42	160, 220
BGT/M 30640.12	85306405	265.9	269.24	298	213.64	6	42	160, 220, 280
BGT/M 36640.12	85366405	265.9	269.24	358	213.64	6	42	160, 220, 280, 340
BGT/M 18660.12	85186605	265.9	375.92	178	320.32	6	63	160
BGT/M 24660.12	85246605	265.9	375.92	238	320.32	6	63	160, 220
BGT/M 30660.12	85306605	265.9	375.92	298	320.32	6	63	160, 220, 280
BGT/M 36660.12	85366605	265.9	375.92	358	320.32	6	63	160, 220, 280, 340
BGT/M 18680.12	85186805	265.9	482.6	178	427	6	84	160
BGT/M 24680.12	85246805	265.9	482.6	238	427	6	84	160, 220
BGT/M 30680.12	85306805	265.9	482.6	298	427	6	84	160, 220, 280
BGT/M 36680.12	85366805	265.9	482.6	358	427	6	84	160, 220, 280, 340

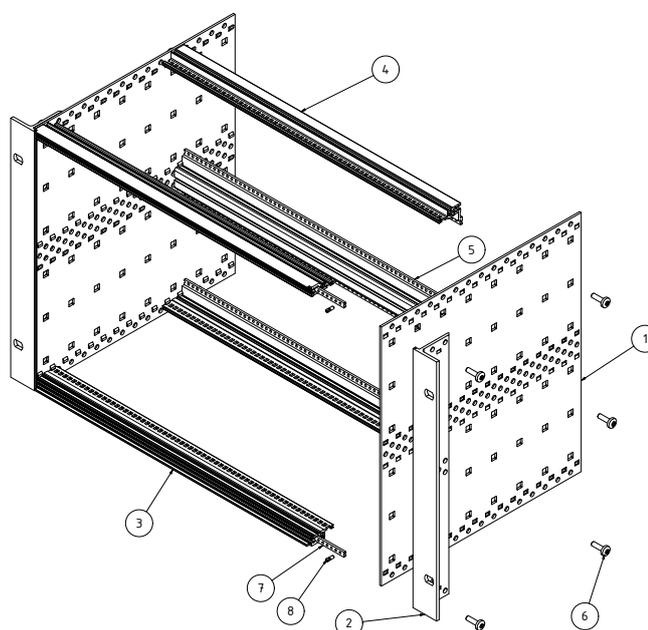
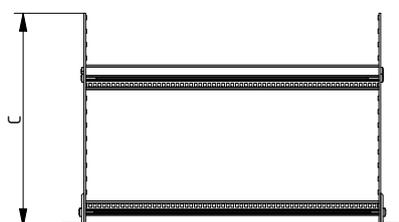


Scope Of Delivery: 1) 2 side panels (BSW/M ..600) 2) 2 flanges (FL/M 00600) 3) 2 front profiles (PF/M 000..) 4) 2 rear profiles (PR/M 000.. .12) 5) 1 double connector profile (PSD/M 006.. .12) 6) Mounting material (BFS 0100)

Notes: If the ejector handles are used acc. to DIN IEC 60297-3-102 / IEEE 1101.10, the subrack must be fitted with the appropriate PF/M 000.. BN-HG front profile. The required subracks can be supplied on request.

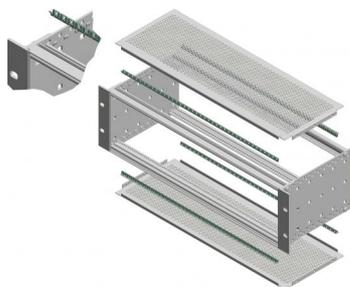


Z-2904361



Interzoll Modul

EMC screening

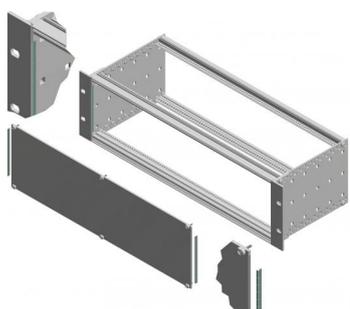


EMC springs, stainless steel, for the connection between profile and cover plate

Model	Order no.	HP
EMV-Feder-AP/M 42TE	86001042	42
EMV-Feder-AP/M 63TE	86001063	63
EMV-Feder-AP/M 84TE	86001084	84

Scope Of Delivery: 10 EMC springs

Notes: Can be mounted in all front and rear profiles for contacting with angled EMC cover plates.

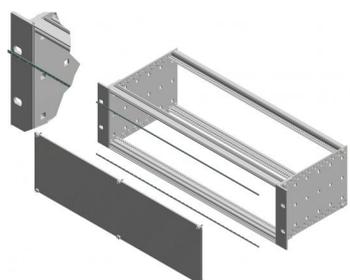


EMC springs, stainless steel, for the connection between front panels, front panel and flange or rear panel and rear end profile

Model	Order no.	U
EMV-Feder-FP/M 2HE	86001002	2
EMV-Feder-FP/M 3HE	86001003	3
EMV-Feder-FP/M 6HE	86001006	6

Scope Of Delivery: 10 EMC springs

Notes: Can be mounted in flanges and end profiles. The front panels must also be equipped with springs.



EMC springs, stainless steel, for the connection between the front panel / backplane and profile

Model	Order no.	HP
EMV-Feder-FP/M 42TE	86001142	42
EMV-Feder-FP/M 63TE	86001163	63
EMV-Feder-FP/M 84TE	86001184	84

Scope Of Delivery: 10 EMC springs

Notes: Can be mounted in all front profiles and bus profiles PBIS/M.... Mounting instruction: arrows point outwards.



Montagewerkzeuge für EMV-Feder

Model	Order no.	Note
MWZ/M-I	86001201	Für AP/M
MWZ/M-II	86001202	Für FP/M

Scope Of Delivery: 1 piece

Interzoll Modul

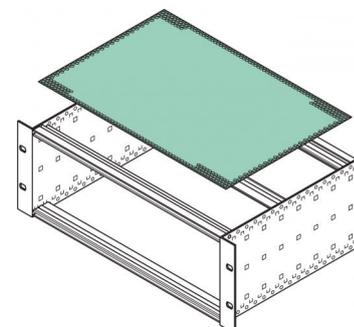
Cover plates

Insertable cover plates, perforated untreated aluminium, not for use with BN profiles

Model	Order no.	b1	c1	HP	Card depth
AD/M 13042-L	86442132	218.14	128	42	160
AD/M 13063-L	86463132	324.82	128	63	160
AD/M 13084-L	86484132	431.5	128	84	160
AD/M 19042-L	86442192	218.14	188	42	220
AD/M 19063-L	86463192	324.82	188	63	220
AD/M 19084-L	86484192	431.5	188	84	220

Scope Of Delivery: 1 cover plate

Notes: Fixing in the profile rail groove. Other versions on request.

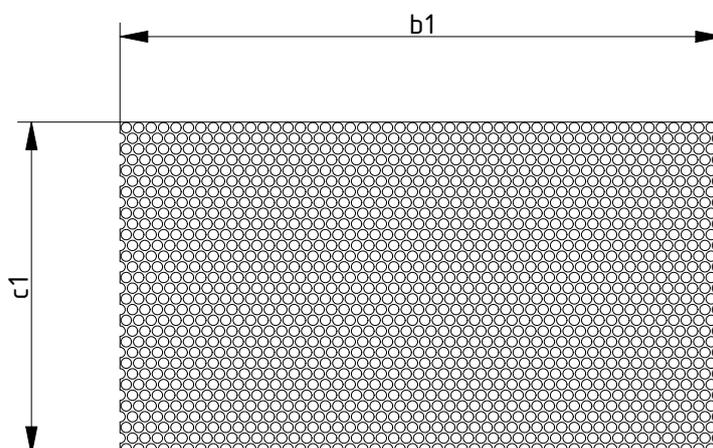
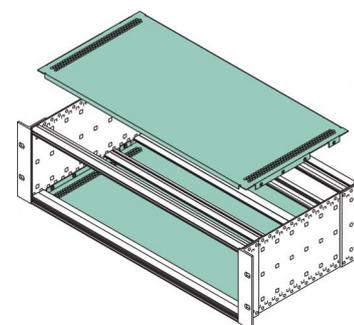


Cover plates EMC, screw-on, aluminium, passivated, perforated, with side notches for profile rails with depths 160, 220 and 280 mm

Model	Order no.	b1	c1	HP	Card depth
ADGA/M 15042-L	86442154	217.99	151	42	160
ADGA/M 15063-L	86463154	324.67	151	63	160
ADGA/M 15084-L	86484154	431.35	151	84	160
ADGA/M 21042-L	86442214	217.99	211	42	160, 220
ADGA/M 21063-L	86463214	324.67	211	63	160, 220
ADGA/M 21084-L	86484214	431.35	211	84	160, 220
ADGA/M 27042-L	86442274	217.99	271	42	160, 220, 280
ADGA/M 27063-L	86463274	324.67	271	63	160, 220, 280
ADGA/M 27084-L	86484274	431.35	271	84	160, 220, 280
ADGA/M 33084-L	86484334	431.35	331	84	160, 220, 280, 340
ADGA/M 39084-L	86484394	431.35	391	84	160, 220, 280, 340, 400
ADGA/M 45084-L	86484454	431.35	451	84	160, 220, 280, 340, 400, 460

Scope Of Delivery: 2 cover plates, mounting material

Notes: 4 EMC springs AP/M are required for contacting to the profile rails.



Interzoll Modul

Card guides



Card guides standard, one piece, plastic, UL 94 V0, red

Model	Order no.	Card depth	Note
KF/M 80	86021008	80	Groove width 2 mm
KF/M 160	86216010	160	Groove width 2 mm
KF/M 220	86222010	220	Groove width 2 mm
KF/M 160-2,5	86216020	160	Groove width 2.5 mm
KF/M 220-2,5	86222020	220	Groove width 2.5 mm

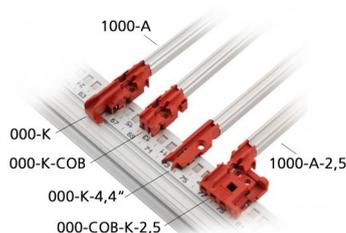
Scope Of Delivery: 1 card guide



Card guides for coding block, one piece, plastic, UL 94 V0, red

Model	Order no.	Card depth	Note
KF/M 160-COB	86021016	160	Groove width 2 mm
KF/M 220-COB	86021022	220	Groove width 2 mm
KF/M 160-COB-V	86022016	160	Groove width 2 mm
KF/M 220-COB-V	86022022	220	Groove width 2 mm
KF/M 280-COB-V	86022028	280	Groove width 2 mm

Scope Of Delivery: 1 card guide



Individual components for universal card guide, plastic, UL 94 V0, red, card guide profiles of natural-coloured anodised aluminium

Model	Order no.	Note
KF/M 000-K	86020000	Standard end pieces, groove width 2 mm
KF/M 000-K-COB	86020100	End pieces for coding block / card retainer, groove width 2 mm
KF/M 000-K-4,4"	86020200	End pieces for card height 4.4", groove width 2 mm
KF/M 000-COB-K-2,5	86020300	End pieces including coding block, groove width 2.5 mm
KF/M 1000	86200020	Card guide profile (1000 mm), groove width 2 mm
KF/M 1000-A-2,5	86200030	Card guide profile (1000 mm), groove width 2.5 mm

Scope Of Delivery: Profiles: 1 piece; end pieces: 10 pairs (right/left)



Card guides, one piece, for heavy PCBs and plug-in units, natural-coloured anodised aluminium

Model	Order no.	Card depth
KF/M 160-V-A	86416010	160
KF/M 220-V-A	86422010	220
KF/M 280-V-A	86428010	280

Scope Of Delivery: 1 card guide

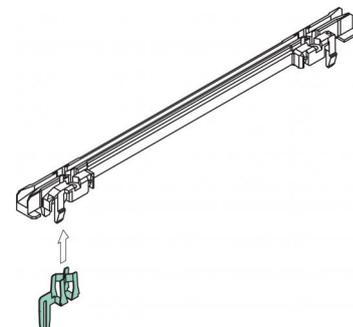
Interzoll Modul

Card guides

Card earthing, tin-plated steel, for contacting between board and subrack

Model	Order no.	Note
KE/M	86022100	Card earthing for circuit board

Scope Of Delivery: 20 card earthing units

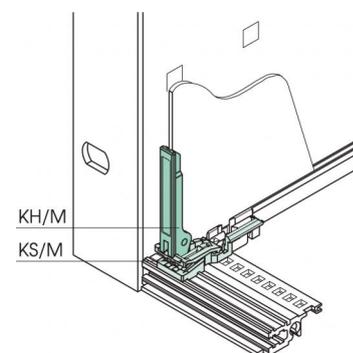


Card lever and card retainer, plastic, UL 94 V0, red, only for use with KF/M...COB (-V)

Model	Order no.	Note
KH/M	86022300	Card lever
KS/M	86022200	Card retainer

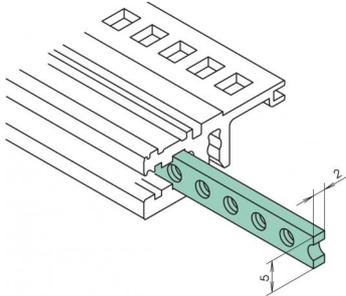
Scope Of Delivery: 1 card lever / 1 card retainer

Notes: The card lever can only be used with the card retainer. Also for use on slot position 1. Minimum clearance for the guide rails: 3 HP.



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Thread and insulating strips

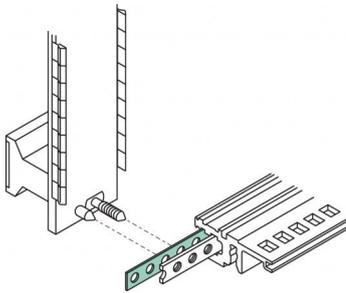


Tapped strips, galv. steel, M2.5

Model	Order no.	HP
GS/M 00042	86542110	42
GS/M 00063	86563110	63
GS/M 00084	86584110	84

Scope Of Delivery: 1 tapped strip

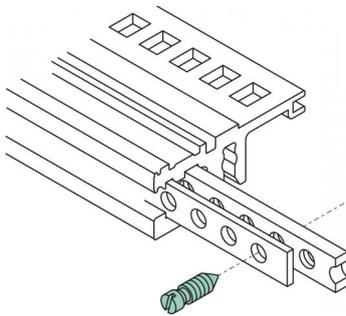
Notes: Can be used for all Interzoll Modul profiles. To fix front panels, use 12.3 mm long collar screws.



Perforated strip, untreated aluminium, for centring the shielded front panels via guide pins

Model	Order no.	HP
LO/M 00042	86542120	42
LO/M 00063	86563120	63
LO/M 00084	86584120	84

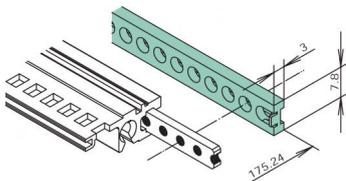
Scope Of Delivery: 1 perforated strip



M2.5 slotted set screw for fixing the perforated strip and fixing and earthing the threaded insert.

Model	Order no.	Note
GSE/M	86002000	SHR STI Z M2.5x6 DIN 533 A2

Scope Of Delivery: 20 slotted set screws

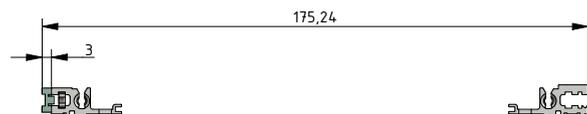


Insulating strip, plastic, UL 94 V0, for insulated fixing of backplanes

Model	Order no.	HP
IS/M 00042	86542130	42
IS/M 00063	86563130	63
IS/M 00084	86584130	84

Scope Of Delivery: 1 insulating strip

Notes: Mounting material BFS/M 0300 and 0400 as accessories.



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Interzoll Modul

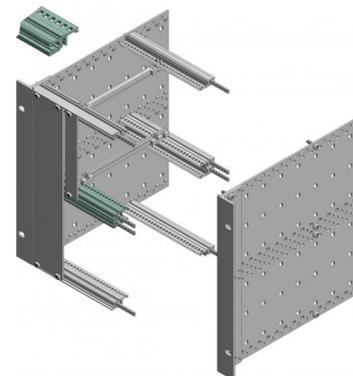
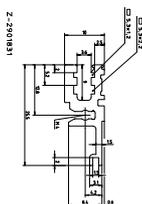
[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]

Front profiles without lip, natural-coloured anodised aluminium, conductive contact surfaces, for installation behind full-width front panels

Model	Order no.	HP
PF/M 00042-OD	86542310	42
PF/M 00063-OD	86563310	63
PF/M 00084-OD	86584310	84

Scope Of Delivery: 1 profile

Notes: For installation behind a full-width front panel, e.g. 6 U. Please order the EMC spring separately.

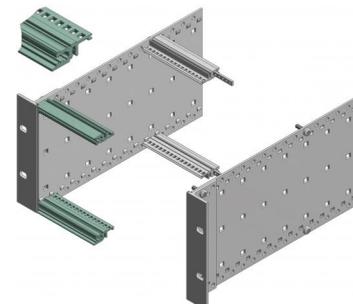
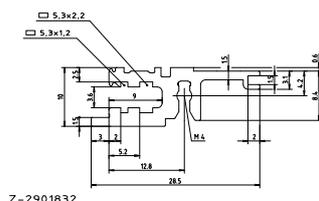


Front profiles with short lip (standard), natural-coloured anodised aluminium, conductive contact surfaces

Model	Order no.	HP
PF/M 00042	86542320	42
PF/M 00063	86563320	63
PF/M 00084	86584320	84

Scope Of Delivery: 1 profile

Notes: Please order the EMC spring separately.

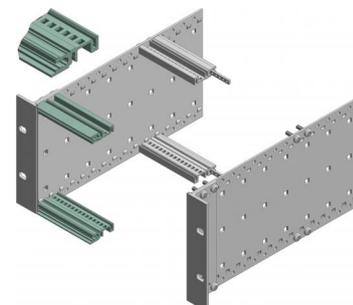
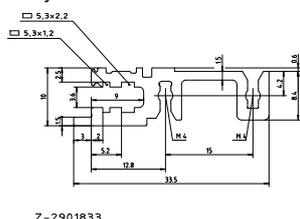


Front profiles for high mechanical loads, natural-coloured anodised aluminium, conductive contact surfaces, 2-hole fixing

Model	Order no.	HP
PF/M 00042-BN	86542330	42
PF/M 00063-BN	86563330	63
PF/M 00084-BN	86584330	84

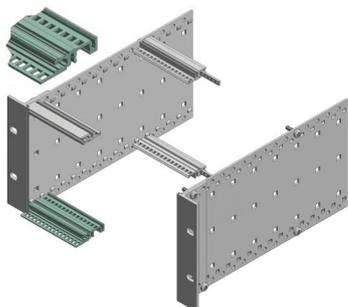
Scope Of Delivery: 1 profile

Notes: Please order the EMC spring separately.



Interzoll Modul

[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]

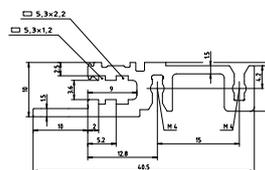


Front profiles for high mechanical loads and ejector handle acc. to IEC 60297-3-102 / IEEE 1101.10, natural-coloured anodised aluminium, conductive contact surfaces, 2-hole fixing

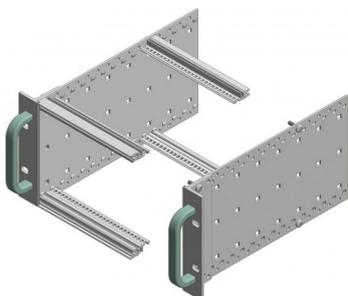
Model	Order no.	HP
PF/M 00042-BN-HG	86542340	42
PF/M 00063-BN-HG	86563340	63
PF/M 00084-BN-HG	86584340	84

Scope Of Delivery: 1 profile

Notes: Please order the EMC spring separately.



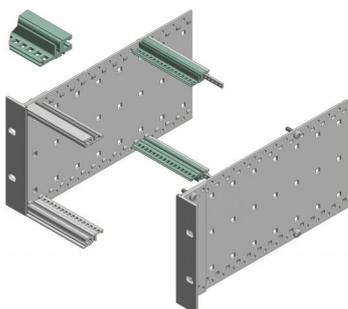
Z-2901834



Handles for sub racks, natural-coloured anodised aluminium

Model	Order no.	U
GR/M 00300	86700035	3

Scope Of Delivery: 1 handle

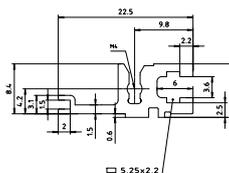


Bus profiles, natural-coloured anodised aluminium, for indirect backplane fixing

Model	Order no.	HP
PB/M 00042	86542410	42
PB/M 00063	86563410	63
PB/M 00084	86584410	84

Scope Of Delivery: 1 profile

Notes: Please order the insulating strip and EMC spring separately.



Z-2901835

Interzoll Modul

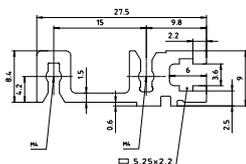
[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]

Bus profiles for high mechanical loads, natural-coloured anodised aluminium, conductive contact surfaces, 2-hole fixing, for indirect backplane fixing

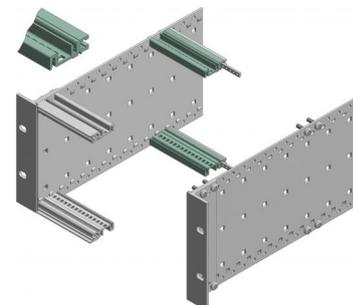
Model	Order no.	HP
PB/M 00042-BN	86542420	42
PB/M 00063-BN	86563420	63
PB/M 00084-BN	86584420	84

Scope Of Delivery: 1 profile

Notes: Please order the insulating strip and EMC spring separately.



Z-2901836

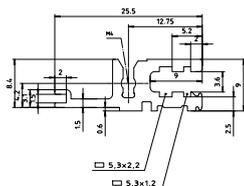


Bus profiles, natural-coloured anodised aluminium, conductive contact surfaces, for backplane mounting with an integrated insulating strip clearance

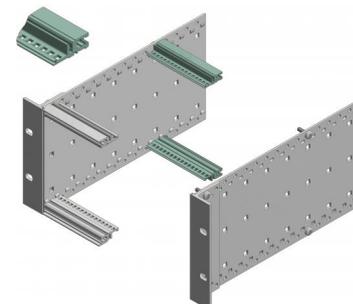
Model	Order no.	HP
PBIS/M 00042	86542430	42
PBIS/M 00063	86563430	63
PBIS/M 00084	86584430	84

Scope Of Delivery: 1 profile

Notes: Please order the EMC spring separately.



Z-2901837

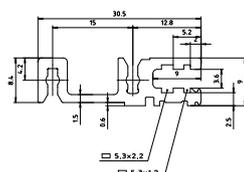


Bus profiles with an integrated insulating strip clearance for high mechanical loads, natural-coloured anodised aluminium, conductive contact surfaces, 2-hole fixing, for direct backplane fixing

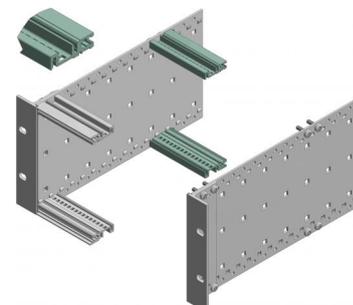
Model	Order no.	HP
PBIS/M 00042-BN	86542440	42
PBIS/M 00063-BN	86563440	63
PBIS/M 00084-BN	86584440	84

Scope Of Delivery: 1 profile

Notes: Please order the EMC spring separately.



Z-2901838



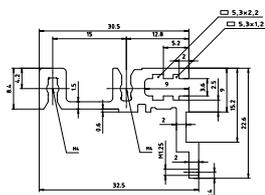
Interzoll Modul

[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]

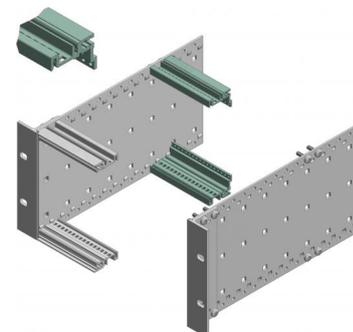
Rear profiles for high mechanical loads, natural-coloured anodised aluminium, conductive contact surfaces, 2-hole fixing, for connectors acc. to DIN EN 60603-2 (formerly DIN 41612)

Model	Order no.	HP
PR/M 00042.12-BN	86542520	42
PR/M 00063.12-BN	86563520	63
PR/M 00084.12-BN	86584520	84

Scope Of Delivery: 1 profile



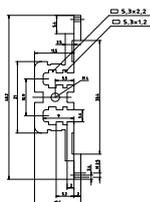
Z-290184.0



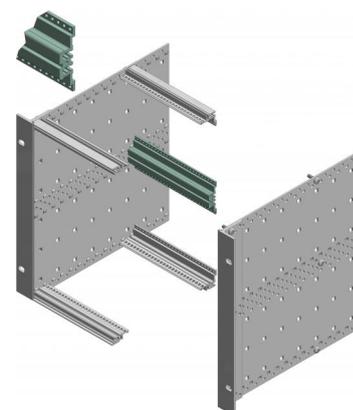
Double connector profiles, natural-coloured anodised aluminium, conductive contact surfaces, for connectors acc. to DIN EN 60603-2 (formerly DIN 41612)

Model	Order no.	HP
PSD/M 00642.12	86542610	42
PSD/M 00663.12	86563610	63
PSD/M 00684.12	86584610	84

Scope Of Delivery: 1 profile



Z-290184.3

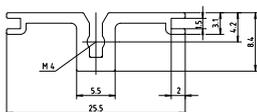


Snap profiles, natural-coloured anodised aluminium, conductive contact surfaces, for combined mounting and rear fitting of 80 mm Compact PCI units

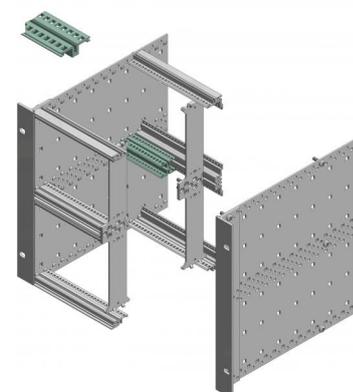
Model	Order no.	HP	Note
RP/M 00042	86542710	42	
RP/M 00063	86563710	63	63 HP
RP/M 00084	86584710	84	

Scope Of Delivery: 1 profile

Notes: RP/M 00084 with notch.

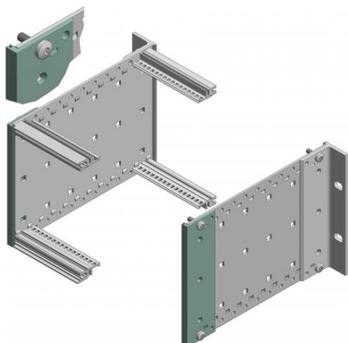


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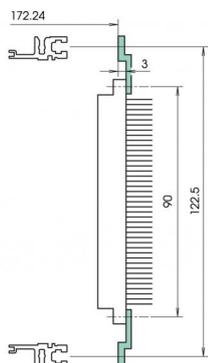
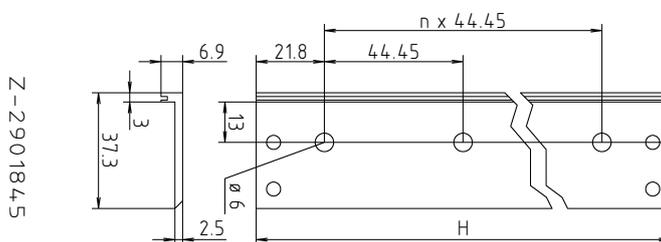
[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]



End profiles, passivated aluminium, for rear shielding, for use with all side panels

Model	Order no.	U
RAP/M 00300	86503810	3
RAP/M 00600	86506810	6

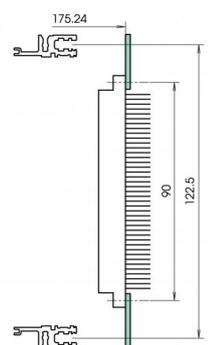
Scope Of Delivery: 1 profile



Z-rails, natural-coloured anodised aluminium, for connectors acc. to DIN EN 60603-2 (formerly DIN 41612)

Model	Order no.	b1	HP
ZS/M 00040	86540210	203.2	40
ZS/M 00060	86560210	304.8	60
ZS/M 00084	86584210	426.7	84

Scope Of Delivery: 1 Z-rail



Perforated rails, passivated aluminium, for connectors acc. to DIN EN 60603-2 (formerly DIN 41612)

Model	Order no.	b1	HP	Note
LS/M 00040	86540220	203.2	40	40 HP
LS/M 00060	86560220	304.8	60	60 HP
LS/M 00084	86584220	426.7	84	84 HP

Scope Of Delivery: 1 perforated rail



Flanges for control panel mounting, natural-coloured anodised, for visually attractive closure to switch panel top and bottom

Model	Order no.	HP
FLS/M 00042	86742004	42
FLS/M 00063	86763004	63
FLS/M 00084	86784004	84

Scope Of Delivery: 1 flange

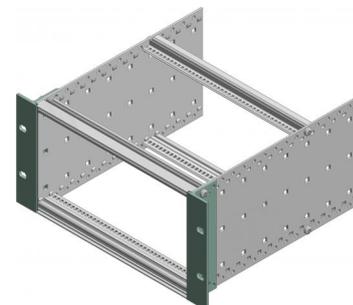
Interzoll Modul

[EMPTY TITLE - FILL IT IN ARTICLEROW OF CURRENT LANGUAGE (PR-ID: 409)]

Flanges, front natural-coloured anodised, rear passivated, for BSW/M

Model	Order no.	U
FL/M 00300	86700031	3
FL/M 00600	86700061	6

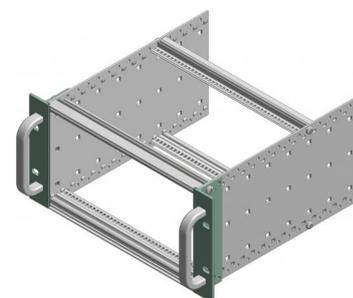
Scope Of Delivery: 1 flange



Flanges with holes for fixing handle, front natural-coloured anodised, rear passivated, for BSW /M

Model	Order no.	U
FLG/M 00300	86700032	3
FLG/M 00600	86700062	6

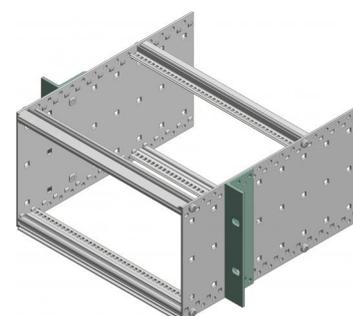
Scope Of Delivery: 1 flange



Flanges, universal, front natural-coloured anodised, rear passivated, for BSW/M

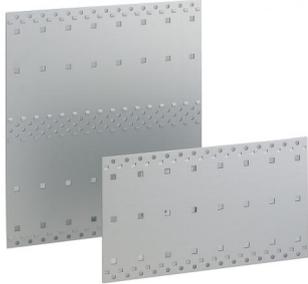
Model	Order no.	U
FLU/M 00300	86700033	3
FLU/M 00600	86700063	6

Scope Of Delivery: 1 flange



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Side panels

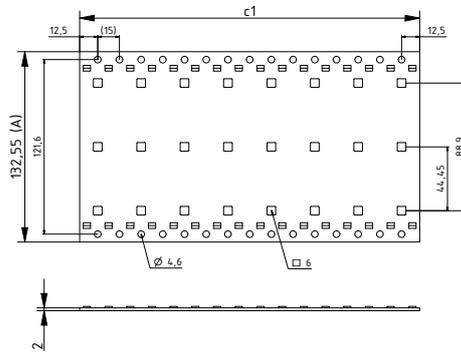


Side panels Standard and Compact PCI, passivated aluminium without flange

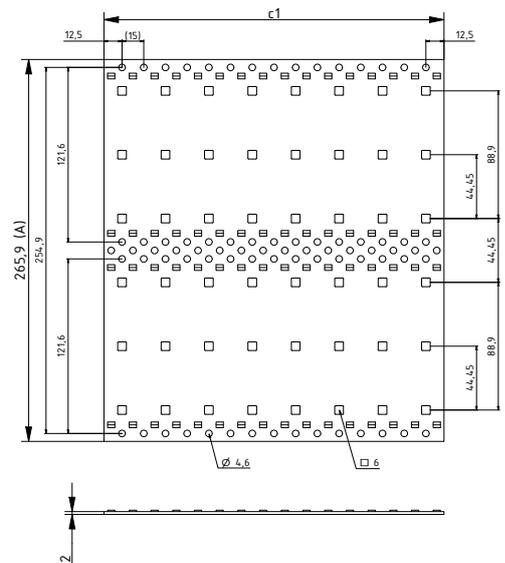
Model	Order no.	A	c1	U	Note
BSW/M 18300	86618031	132.55	175	3	Enclosure depth 178, side panel depth 175
BSW/M 24300	86624031	132.55	235	3	Enclosure depth 238, side panel depth 235
BSW/M 30300	86630031	132.55	295	3	Enclosure depth 298, side panel depth 295
BSW/M 36300	86636031	132.55	355	3	Enclosure depth 358, side panel depth 355
BSW/M 42300	86642031	132.55	415	3	Enclosure depth 418, side panel depth 415
BSW/M 48300	86648031	132.55	475	3	Enclosure depth 478, side panel depth 475
BSW/M 18600	86618061	265.9	175	6	Enclosure depth 178, side panel depth 175
BSW/M 24600	86624061	265.9	235	6	Enclosure depth 238, side panel depth 235
BSW/M 30600	86630061	265.9	295	6	Enclosure depth 298, side panel depth 295
BSW/M 36600	86636061	265.9	355	6	Enclosure depth 358, side panel depth 355
BSW/M 42600	86642061	265.9	415	6	Enclosure depth 418, side panel depth 415
BSW/M 48600	86648061	265.9	475	6	Enclosure depth 478, side panel depth 475

Scope Of Delivery: 1 side panel

Notes: Side panel 3 and 6 U - rear I/O for Compact PCI systems with installation of 160 mm plug-in units on the front and 80 mm plug-in units on the rear acc. to DIN IEC 60297-3-101 / IEEE 1101.11 on request.



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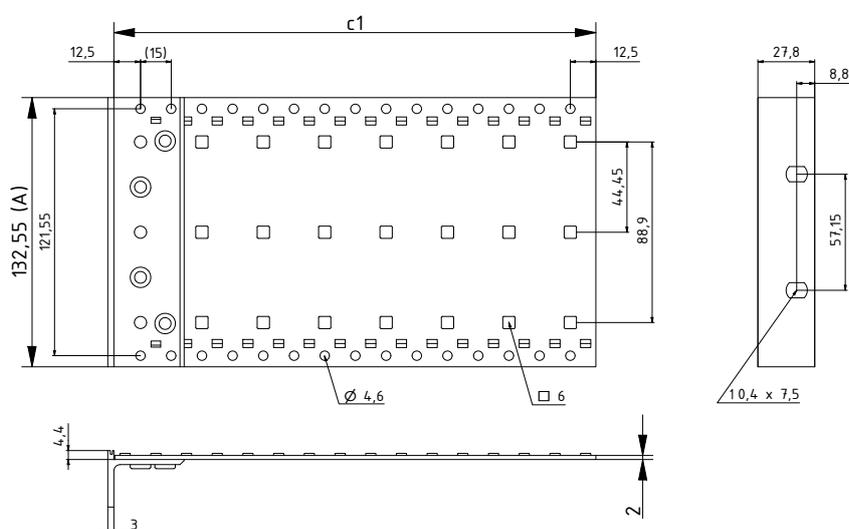
Side panels

Side panels with integrated flange for high mechanical loads, passivated aluminium, flange natural-coloured anodised on front

Model	Order no.	A	c1	U	Note
BSW/M 18300-BN	86618033	132.55	175	3	Enclosure depth 178, side panel depth 175
BSW/M 24300-BN	86624033	132.55	235	3	Enclosure depth 238, side panel depth 235
BSW/M 30300-BN	86630033	132.55	295	3	Enclosure depth 298, side panel depth 295

Scope Of Delivery: 1 side panel

Notes: Flange types with holes for front handles and other sizes on request.



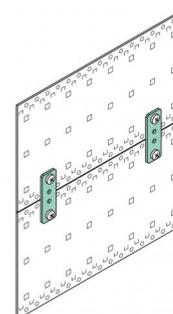
Z-2904368



Connecting brackets, diecast zinc, for BSW/M side panels

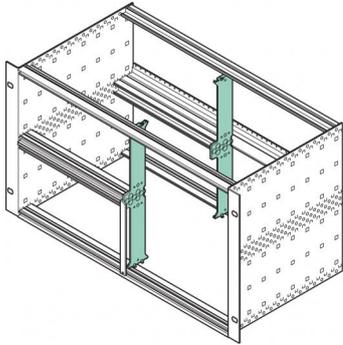
Model	Order no.
VB/M	86062000

Scope Of Delivery: 1 connection bracket



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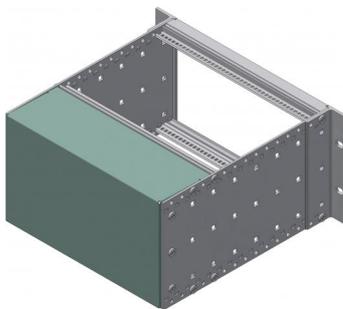
Accessories



Separating strut, diecast zinc, for combined mounting of Euro and double Euro cards in 6 U subracks

Model	Order no.	U
TST/M 00600	86010600	6

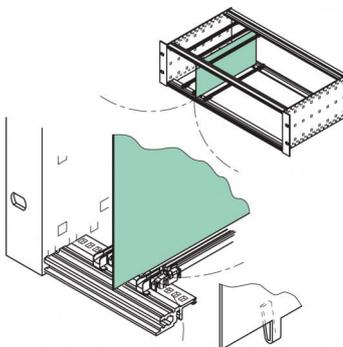
Scope Of Delivery: 1 partition element



Shielded rear hood, passivated aluminium

Model	Order no.	U	HP
RW/M 00384	86384031	3	84

Scope Of Delivery: 1 rear hood

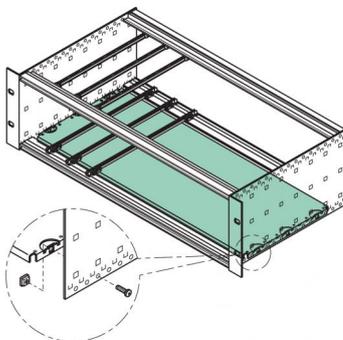


Partition, stainless steel, snaps onto the profiles

Model	Order no.	U	Card depth
TP/M 16300	86316032	3	160

Scope Of Delivery: 1 partition panel

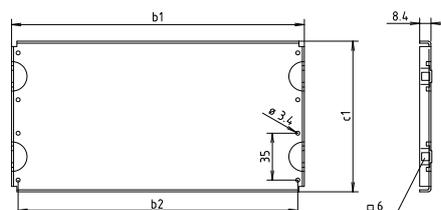
Notes: 2 mm space requirement on the construction side. Additional sizes on request.



Mounting panel, passivated aluminium, for fixing additional components

Model	Order no.	b1	b2	c1	HP	Card depth
MP/M 22042	86342223	218	208.3	172.5	42	220
MP/M 22084	86384223	431.4	421.6	292.5	84	220

Scope Of Delivery: 1 mounting panel



Z-2901820

Interzoll Modul

Frame-type plug-in units

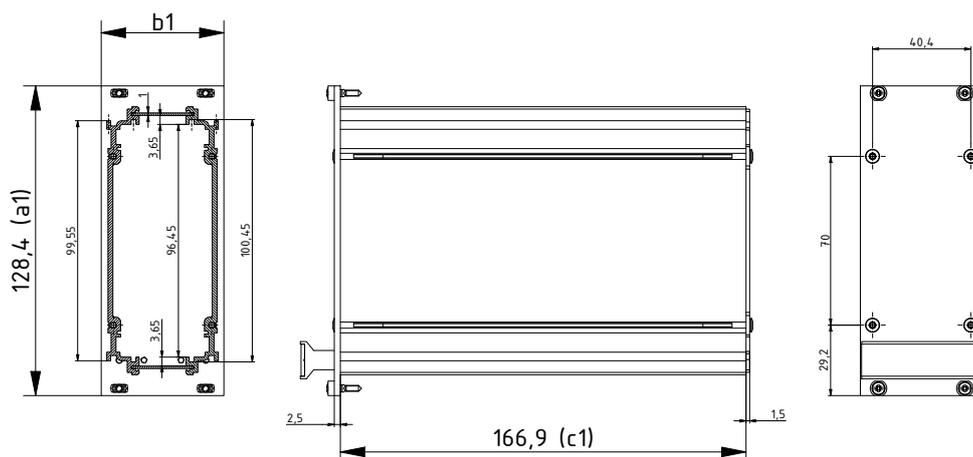
Interzoll PRO frame-type plug-in units, 3 U, natural-coloured anodised aluminium front panel, colourless passivated aluminium side profiles, galvanised steel cover plates, plain, galvanised steel rear panel with one slot, 3 U



Model	Order no.	a1	b1	c1	U	HP
IZK/M 16308-RW1-P	85808311	128.4	40.3	166.9	3	8
IZK/M 16310-RW1-P	85810311	128.4	50.46	166.9	3	10
IZK/M 16312-RW1-P	85812311	128.4	60.62	166.9	3	12
IZK/M 16314-RW1-P	85814311	128.4	70.78	166.9	3	14
IZK/M 16321-RW1-P	85821311	128.4	106.34	166.9	3	21
IZK/M 16328-RW1-P	85828311	128.4	141.9	166.9	3	28
IZK/M 16342-RW1-P	85842311	128.4	213.02	166.9	3	42

Scope Of Delivery: 1 front panel with handle, 2 side panels, 2 top covers, 1 rear panel, mounting material

Notes: Additional versions, 6 U, EMC or with hood on request.



Z-2904357

Cover plates, perforated, 1mm, galvanised sheet steel, for frame-type plug-in units, 3 U

Model	Order no.	c1	HP
IZK/M 16008-ADL-P	86090812	167	8
IZK/M 16010-ADL-P	86091012	167	10
IZK/M 16012-ADL-P	86091212	167	12
IZK/M 16014-ADL-P	86091412	167	14
IZK/M 16021-ADL-P	86092112	167	21
IZK/M 16028-ADL-P	86092812	167	28
IZK/M 16042-ADL-P	86094212	167	42

Scope Of Delivery: 1 cover plate

Notes: c1 = Abdeckblechtiefe



Interzoll Modul

Frame-type plug-in units



Cover plates, perforated, 1mm, galvanised sheet steel, for PRO frame-type plug-in units, 3 U, to accommodate card guides

Model	Order no.	c1	HP
IZK/M 16008-ADL-KF-P	86090813	167	8
IZK/M 16010-ADL-KF-P	86091013	167	10
IZK/M 16012-ADL-KF-P	86091213	167	12
IZK/M 16014-ADL-KF-P	86091413	167	14
IZK/M 16021-ADL-KF-P	86092113	167	21
IZK/M 16028-ADL-KF-P	86092813	167	28
IZK/M 16042-ADL-KF-P	86094213	167	42

Scope Of Delivery: 1 cover plate

Notes: c1 = Abdeckblechtiefe



Card guides for cover plates IZK/M-ADL-KF, plastic, UL 94 V0, red

Model	Order no.	Card depth
IZK/M KF-160-P	86216030	160

Scope Of Delivery: 10 card guides



Rear panel open, galvanised sheet steel, for IZK/M frame-type plug-in units

Model	Order no.	HP
IZK/M 00308-RWO-P	86090833	8
IZK/M 00310-RWO-P	86091033	10
IZK/M 00312-RWO-P	86091233	12
IZK/M 00314-RWO-P	86091433	14
IZK/M 00321-RWO-P	86092133	21
IZK/M 00328-RWO-P	86092833	28
IZK/M 00342-RWO-P	86094233	42

Scope Of Delivery: 1 rear panel

Leiterkarten- und Rückwandhalter für Kassetten

Model	Order no.
LKH/M 09-P	86080090
LKH/M 10-P	86080110
RWH/M 01-P	86080120

Scope Of Delivery: 10 pieces LKH/M 09-P/...10-P: 5 pairs (right/left)

Interzoll Modul

Screws

Interzoll Modul mounting material

Model	Order no.	Note
BFS/M 0300	86000030	SHR Z M 2.5x7, galvanised steel, torx 8, for ZS/M
BFS/M 0100	86000010	SHR Z M 4x14-SO, toothed, galvanised steel, torx 20, for all Interzoll Modul profiles
BFS/M 0400	86000040	SHR Z M 2.5x10, galvanised steel, torx 8, for LS/M
BFS/M 0200	86000020	SHR Z KT 2.5x9.3, galvanised steel, torx 8, for FLS/M, KF/M...
BFS/M 0500	86000050	SHR Z M 4x6-SO, toothed, anodised steel, torx 20, MP/M, RW/M
BFS/M 0600	86000060	MU M 4-4KT-SO, galvanised steel, for VB/M, TL/M, TLB/M, MP/M, RAP/M
BFS/M 1600	86000160	Collar screws, SHR Z M 2.5x12.3x6.5-SP, nickel-plated steel, for front panels
BFS/M 1900	86000190	SHR Z M 2.5 x 8, anodised steel, cross-head, for FX/M, LKH/M 03
BFS/M 0700	86000070	SHR S M 5x12, galvanised steel, recessed screw head, for GR/M
BFS/M 1700	86000170	Collar screws, SHR Z M 2.5x12.3x6.5-SP, nickel-plated steel, for front panels, torx 8
BFS/M 2000	86000200	MU M 2.5-6KT, galvanised steel, for LKH/M 02
BFS/M 0800	86000080	SHR S M 4x5, galvanised steel, torx 20, for TL/M, TLB/M
BFS/M 2100	86000210	SHR S M 2.5x8, galvanised steel, cross-head, for ST/M (-EMV), LKH/M 02, 03
BFS/M 2200	86000220	Knurled screw without slot, SHR R M 2.5x12.3x6.5-SPx18.3, nickel-plated steel
BFS/M 0900	86000090	SHR S M 4x14-SO, toothed, torx 20, anodised steel, for TST/M
BFS/M 2600	86000260	SHR Z M 2.5x16, galvanised steel, recessed screw head, for LKH/M 02, 03
BFS/M 2700	86000270	Knurled screw without slot, SHR R M 2.5x12.3x6.5-SPx25.3, anodised steel, for PF/M with long lip
BFS/M 1000	86000100	SHR Z M 2.5x12, galvanised steel, slotted, for LKH/M 02, 03
BFS/M 1200	86000120	SHB FED 2.6, anodised steel, for LKH/M 03
BFS/M 1500	86000150	SHR Z M 4x6-SO countersink cone, galvanised steel, torx 20, for VB/M, RAP/M
BFS/M 1800	86000180	MU M 2.5-4KT, galvanised steel, for FX/M
BFS/M 2400	86000240	SHR S KT 2.5x7.3, galvanised steel, torx 8, for KF/M 000-K-4.4"
BFS/M 2500	86000250	SHR Z KT 2.7x7.3, galvanised steel, torx 8, for KF/M 160-V-A
BFS/M2800	86000280	SHR Z M4x6-F-SO, toothed, torx 20, for ADGA/M
BFS/M2900	86000290	SHR Z KT 2.5x10, galvanised steel, torx 8, for TST/M

Scope Of Delivery: 20 pieces

BFS/M



0100

0200

0300

0400

0500

0600

0700

0800

0900

1000

1200

1500

1600

1700

1800

1900

2000

2100

2200

2400

2500

2600

2700

2800

2900

Interzoll Modul

Front panel

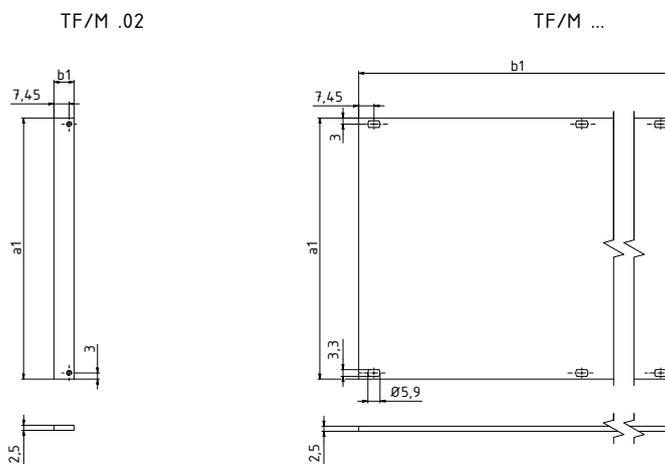


Part front panels, natural-coloured anodised aluminium, passivated on rear

Model	Order no.	a1	b1	U	HP
TF/M 242	86842023	84.05	213.01	2	42
TF/M 263	86863023	84.05	319.69	2	63
TF/M 284	86884023	84.05	426.37	2	84
TF/M 302	86802033	128.5	9.81	3	2
TF/M 303	86803033	128.5	14.89	3	3
TF/M 304	86804033	128.5	19.97	3	4
TF/M 306	86806033	128.5	30.13	3	6
TF/M 307	86807033	128.5	35.21	3	7
TF/M 308	86808033	128.5	40.29	3	8
TF/M 310	86810033	128.5	50.45	3	10
TF/M 312	86812033	128.5	60.61	3	12
TF/M 314	86814033	128.5	70.77	3	14
TF/M 318	86818033	128.5	91.09	3	18
TF/M 319	86819033	128.5	96.17	3	19
TF/M 320	86820033	128.5	101.25	3	20
TF/M 321	86821033	128.5	106.33	3	21
TF/M 328	86828033	128.5	141.97	3	28
TF/M 340	86840033	128.5	202.85	3	40
TF/M 342	86842033	128.5	213.01	3	42
TF/M 363	86863033	128.5	319.69	3	63
TF/M 384	86884033	128.5	426.37	3	84
TF/M 484	86884043	172.95	426.37	4	84
TF/M 604	86804063	261.85	19.97	6	4
TF/M 605	86805063	261.85	25.05	6	5
TF/M 608	86808063	261.85	40.29	6	8
TF/M 628	86828063	261.85	141.89	6	28
TF/M 642	86842063	261.85	213.01	6	42
TF/M 684	86884063	261.85	426.37	6	84

Scope Of Delivery: 1 part front panel

Notes: Special sizes on request. Screw holders and collar screws as accessories.



Z-2904355

Interzoll Modul

Front panel

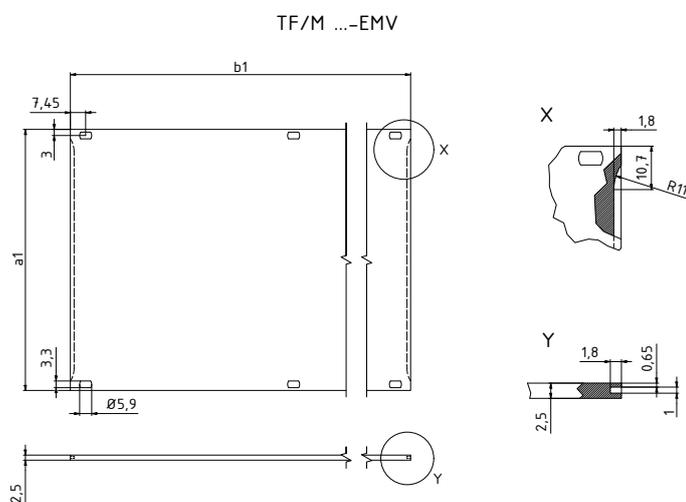
Part front panels, EMC, front natural-coloured anodised aluminium, passivated on rear with slot for EMC spring and pressed-in alignment pins



Model	Order no.	a1	b1	U	HP
TF/M 304-EMV	86804034	128.5	19.97	3	4
TF/M 308-EMV	86808034	128.5	40.29	3	8
TF/M 310-EMV	86810034	128.5	50.45	3	10
TF/M 314-EMV	86814034	128.5	70.77	3	14
TF/M 320-EMV	86820034	128.5	101.25	3	20
TF/M 321-EMV	86821034	128.5	106.33	3	21
TF/M 340-EMV	86840034	128.5	202.85	3	40
TF/M 342-EMV	86842034	128.5	213.01	3	42
TF/M 363-EMV	86863034	128.5	319.69	3	63
TF/M 384-EMV	86884034	128.5	426.37	3	84
TF/M 604-EMV	86804064	261.85	19.97	6	4
TF/M 608-EMV	86808064	261.85	40.29	6	8
TF/M 612-EMV	86812064	261.85	60.61	6	12
TF/M 684-EMV	86884064	261.85	426.37	6	84

Scope Of Delivery: 1 part front panel

Notes: Additional sizes on request. For mounting material and EMC springs, see Interzoll Modul accessories.



Z-2904.370

Interzoll Modul

Front panel

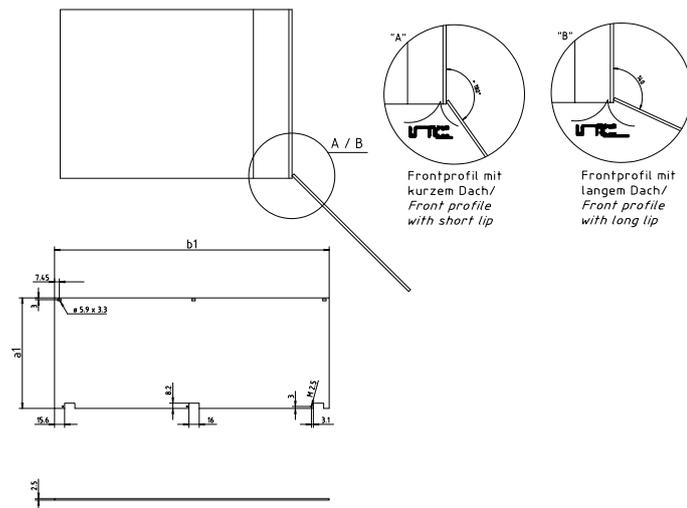


Front panels, 3 / 6 U, collapsible, front natural-coloured anodised aluminium, passivated on rear

Model	Order no.	a1	b1	U	HP
TF/M 342-K	86842038	128.5	213.01	3	42
TF/M 363-K	86863038	128.5	319.69	3	63
TF/M 384-K	86884038	128.5	426.37	3	84
TF/M 642-K	86842068	261.85	213.01	6	42
TF/M 663-K	86863068	261.85	319.69	6	63
TF/M 684-K	86884068	261.85	426.37	6	84

Scope Of Delivery: 1 front panel, 1 hinge set, 3 metal screw holders, 3 knurled screws BFS/M 2200, mounting material

Notes: The usable width is not restricted. Can be unhooked at 135° except for Internorm Stil. One tapped strip above and below is required for each fixing.



Z-2901867

Interzoll Modul

Front panel



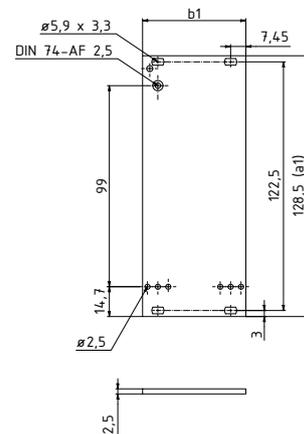
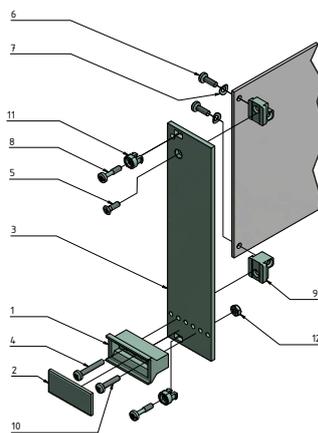
Plug-in front panels, front natural-coloured anodised aluminium, passivated on rear, incl. handles, plastic, UL 94 V 0, light grey

Model	Order no.	a1	b1	U	HP
ST/M 303	86803037	128.5	14.89	3	3
ST/M 304	86804037	128.5	19.97	3	4
ST/M 305	86805037	128.5	25.05	3	5
ST/M 306	86806037	128.5	30.13	3	6
ST/M 308	86808037	128.5	40.29	3	8
ST/M 309	86809037	128.5	45.37	3	9
ST/M 310	86810037	128.5	50.45	3	10
ST/M 312	86812037	128.5	60.61	3	12
ST/M 318	86818037	128.5	91.09	3	18
ST/M 321	86821037	128.5	106.33	3	21

Scope Of Delivery: 1) 1 handle, trapezoidal shape (PPO-UL94 V-0) 2) 1 identification plate (aluminium 1.5 mm, anodised) 3) 1 front panel (aluminium 2.5 mm, front anodised, rear yellow chromated) 4) 1 cylinder head screw (SHR Z M 2.5x16) 5) 1 panhead screw (SHR S M 2.5x8) 6) 2 cylinder head screws (SHR Z M 2.5x8) 7) 2 spring discs (A 2.6) 8) up to 7 HP: 2 collar screws with recessed screw head (M 2.5x12.3, for plug-in front panels) 8) 8 HP and higher: 4 collar screws with recessed screw (M 2.5x12.3, for plug-in front panels) 9) 2 circuit board holders (ZN diecast, 2 threads M 2.5) 10) 1 cylinder head screw (SHR Z M 2.5x12) 11) up to 7 HP: 2 plastic screw holders (PA6, grey, unscreened, for plug-in front panels) 11) 8 HP and higher: 4 plastic screw holders (grey, unscreened, for plug-in front panels) 12) 1 hexagon nut (M 2.5 for version with metal circuit board holder)

Notes: Additional sizes on request.

ST/M 3..



Z-2904356

Interzoll Modul

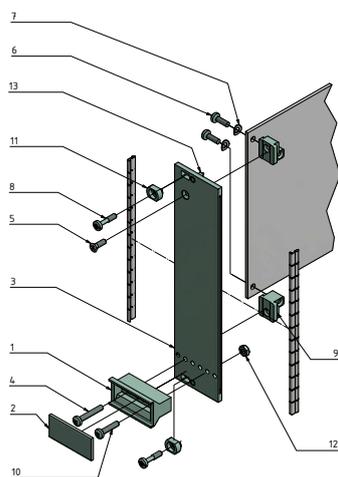
Front panel

Plug-in front panels, EMC, front natural-coloured anodised aluminium, passivated on rear with slot for EMC spring and pressed-in alignment pin

Model	Order no.	a1	b1	U	HP
ST/M 303-EMV	86803038	128.5	14.89	3	3
ST/M 304-EMV	86804038	128.5	19.97	3	4
ST/M 305-EMV	86805038	128.5	25.05	3	5
ST/M 306-EMV	86806038	128.5	30.13	3	6
ST/M 308-EMV	86808038	128.5	40.29	3	8
ST/M 309-EMV	86809038	128.5	45.37	3	9
ST/M 310-EMV	86810038	128.5	50.45	3	10
ST/M 312-EMV	86812038	128.5	60.61	3	12
ST/M 318-EMV	86818038	128.5	91.09	3	18
ST/M 321-EMV	86821038	128.5	106.33	3	21

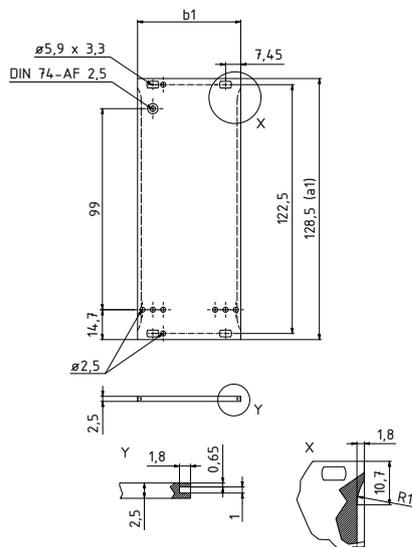
Scope Of Delivery: 1) 1 handle, trapezoidal shape (PPO-UL94 V-0) 2) 1 identification plate (aluminium 1.5 mm, anodised) 3) 1 front panel (aluminium 2.5 mm, front anodised, rear yellow chromated) 4) 1 cylinder head screw (SHR Z M 2.5x16) 5) 1 panhead screw (SHR S M 2.5x8) 6) 2 cylinder head screws (SHR Z M 2.5x8) 7) 2 spring discs (A 2.6) 8) up to 7 HP: 2 collar screws with recessed screw head (M 2.5x12.3, for plug-in front panels) 8) 8 HP and higher: 4 collar screws with recessed screw (M 2.5x12.3, for plug-in front panels) 9) 2 circuit board holders (ZN diecast, 2 threads M 2.5) 10) 1 cylinder head screw (SHR Z M 2.5x12) 11) up to 7 HP: 2 metal screw holders (stainless steel, for plug-in front panels with slit) 11) 8 HP and higher: 4 metal screw holders (stainless steel, for plug-in front panels with slit) 12) 1 hexagon nut (M 2.5 for version with metal circuit board holder) 13) 2 pressed-in alignment pins (stainless steel)

Notes: Additional sizes on request. EMC springs FP/M as Interzoll Modul accessories.



Z-2904.371

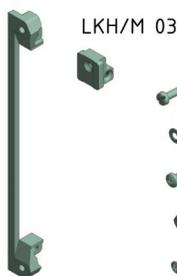
ST/M 3...-EMV



Interzoll Modul

Front panel

LKH/M 02



- BFS/M 1000
- BFS/M 1200
- BFS/M 1900
- BFS/M 2000
- BFS/M 2100
- BFS/M 2600

Leiterkartenhalter und Befestigungsmaterial

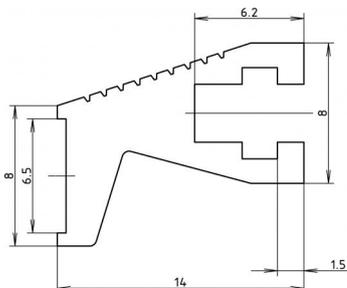
Model	Order no.	Note
LKH/M 02	86080020	With 4 through holes for fixing front panels and circuit boards
LKH/M 03	86080030	With 2 M 2.5 threads for fixing of front panels and circuit boards
BFS/M 0100	86000010	SHR Z M 4x14-S0, toothed, galvanised steel, torx 20, for all Interzoll Modul profiles
BFS/M 0200	86000020	SHR Z KT 2.5x9.3, galvanised steel, torx 8, for FLS/M, KF/M...
BFS/M 1900	86000190	SHR Z M 2.5 x 8, anodised steel, cross-head, for FX/M, LKH/M 03
BFS/M 2000	86000200	MU M 2.5-6KT, galvanised steel, for LKH/M 02
BFS/M 2100	86000210	SHR S M 2.5x8, galvanised steel, cross-head, for ST/M (-EMV), LKH/M 02, 03
BFS/M 2600	86000260	SHR Z M 2.5x16, galvanised steel, recessed screw head, for LKH/M 02, 03

Scope Of Delivery: LKH/M: 10 Stück BFS/M: 20 Stück

Handle profile, natural-coloured anodised aluminium, metre profile

Model	Order no.
GRL/M 1000-AL	86081740

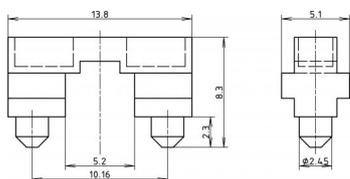
Scope Of Delivery: 1m handle profile



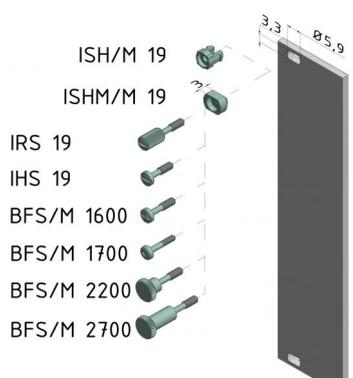
Fixing piece, plastic, black, for fixing the handle profile GRL to the front panel

Model	Order no.
FX/M	86081750

Scope Of Delivery: 20 fixing pieces



Mounting material for part front panels and plug-in units



Model	Order no.	Note
ISH/M 19	86080510	Plastic screwholder, PA 6, grey
ISHM/M 19	86080500	Metal screw holder, stainless steel (1.4305), for conductive contacting for riveting to the front panel
IRS 19	54700420	Slotted knurled screw, collar screws SHR R M2.5x11.3x6.3-SP
IHS 19	54700410	Collar screws SHR Z M2.5x11.3x6.3-SP, slotted-head screw
BFS/M 1600	86000160	Collar screws, SHR Z M 2.5x12.3x6.5-SP, nickel-plated steel, for front panels
BFS/M 1700	86000170	Collar screws, SHR Z M 2.5x12.3x6.5-SP, nickel-plated steel, for front panels, torx 8
BFS/M 2200	86000220	Knurled screw without slot, SHR R M 2.5x12.3x6.5-SPx18.3, nickel-plated steel
BFS/M 2700	86000270	Knurled screw without slot, SHR R M 2.5x12.3x6.5-SPx25.3, anodised steel, for PF/M with long lip

Scope Of Delivery: ISH 19 / IRS 19 = 10 pieces, otherwise 20 pieces



BOPLA

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