

KM6-II Subracks: Universal

Universal KM6-II subracks are strong, versatile and easy to assemble. The tie bars are of large section for rigidity and are secured using two fixing screws into counterbored holes. The screws thus act as location dowels promoting a high degree of accuracy during construction.

Features

- Strong and versatile
- Two screw fixing of tie bars
- Conforms to IEC 60297-3
- Total versatility permits wide range of configurations
- Available in kit or piece-part form
- Accurate location for first time assembly
- Rugged construction
- Pre-tapped holes and machine screws throughout
- EMC conversion (see pages 23 – 27)
- No location mouldings required
- With or without front handles
- Provision for fitting 19" angles front or rear

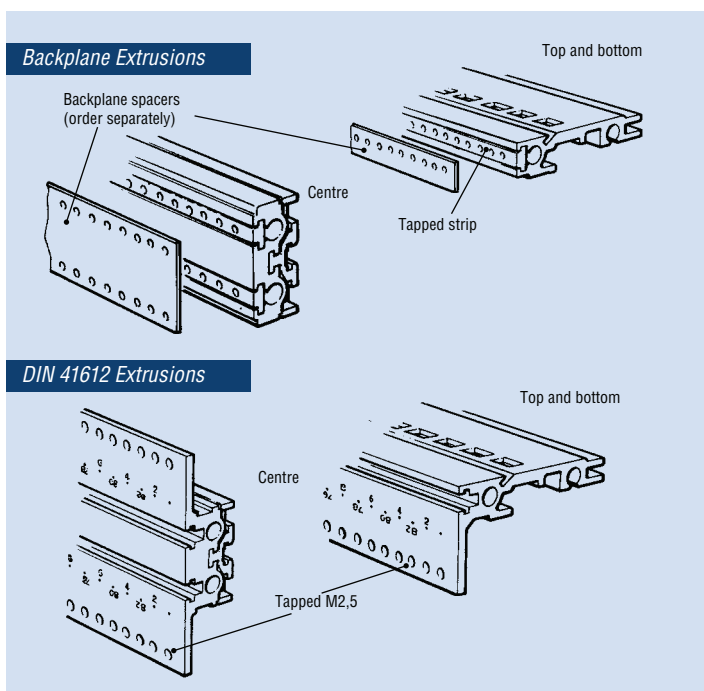
This version, as the name implies, has the capability of housing Eurocards of different sizes in a variety of configurations. The frame can be constructed from standard parts in 3U, 4U, 6U, 7U and 9U heights.

The 240mm, 300mm, 360mm or 420mm deep endplates, incorporate a series of punched holes so that the tie bars can be assembled at any required position on a 12mm pitch. 300mm and greater depths also have a pattern of additional holes for fixing the chassis system. 84 HP variants are offered in Backplane or DIN 41612 connector mounting and are supplied with or without front handles. DIN 41612 rear tie bars are fully tapped.

Note: 4U and 7U versions can only be ordered from piece parts. Alternative versions of 3U, 6U and 9U subracks can also be ordered from piece parts.

Contents of kits

Description	Qty.	Material/Finish
End plates	2	2mm or 2.5mm aluminium BS 1470 5251-H24 (NS4 H6) conductive clear chromate
End plate angles	2	Aluminium alloy BS1474-6063-T6 anodised
Front tie bars	2	Aluminium alloy BS 1474-6063-T6 conductive clear chromate
Rear tie bars -	2 - 3U 3 - 6U 4 - 9U	Aluminium alloy BS 1474-6063-T6 conductive clear chromate
Tapped strips		
Backplane variants-	4 - 3U 6 - 6U 8 - 9U	MS zinc passivate MS zinc passivate MS zinc passivate
DIN 41612 variants (the rear extrusions are fully tapped)	2	Aluminium alloy BS 1474 6063T6 conductive clear chromate
All fixings		
Assembly instructions	1	
Optional: handles	2	



KM6-II SUBRACK, BACKPLANE MOUNTING

Ordering information

Height	Depth (mm)	Width (HP)	Order code without handles	Order code with handles
3U	240	42	950-202592	—
	240	84	950-202589	950-232565
	300	84	950-223550	950-232566
	360	84	950-202594	950-232567
6U	240	42	950-202593	—
	240	84	950-202590	950-232599
	300	84	950-223551	950-232601
	360	84	950-202595	950-232602
9U	420	84	950-202597	950-232603
	240	84	950-202591	—
	300	84	950-224198	—
	360	84	950-202596	—
	420	84	950-202598	—

Notes:

- In order to maintain the correct geometry between the front panels and backplane connectors a suitable backplane spacer is required. Either insulating or conductive types (1mm thick) may be used, and must be located between the rear tie bar and the backplane - refer to page 34.
- Backplane mounting tie bars can be converted to accept DIN 41612 connectors by fitting adaptor kits or rails - refer to page 34.

KM6-II SUBRACK, DIN 41612 CONNECTOR MOUNTING

Ordering information

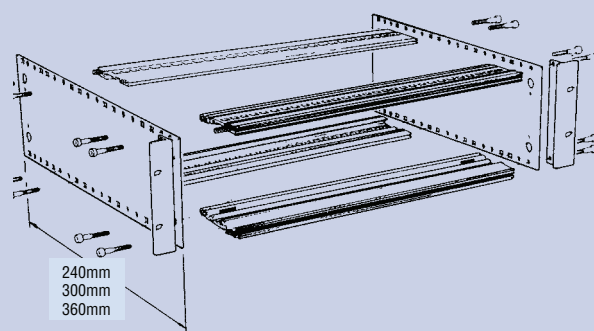
Height	Depth	Width (HP)	Order code without handles	Order code with handles
3U	240	84	950-232054	950-232570
	360	84	950-232055	950-232571
6U	240	84	950-232056	950-232609
	360	84	950-232057	950-232610

Order separately

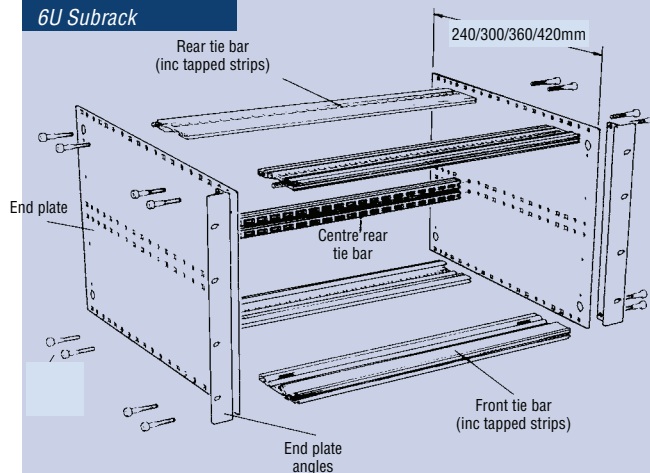
Product	Page
EMC Covers/conversion kit	23 – 26
EMC Front and Rear Panels	27
Backplane spacers	34
DIN 41612 connector mounting	34
PCB or Plug-in module guides	35
PCB Grounding clips	36
Positive Guide Retention – tapped strips	36
PCB Retainers and guide nose extensions	37
PCB Ejectors	38
Divider Kits	41 – 43
Rear Dust covers – non-EMC	44
Top and Bottom covers – non-EMC	44
Horizontal mounting modules	45
Subrack handles	46
Connector protection kits	47

Note: The conductive finish gives excellent electrical conductivity but is more easily marked than anodising. During assembly care should therefore be taken to avoid the deposition of grease and oil, particularly on the visible surfaces.

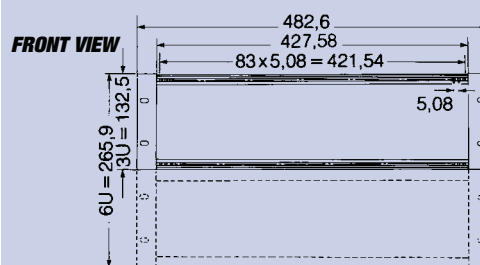
3U Subrack



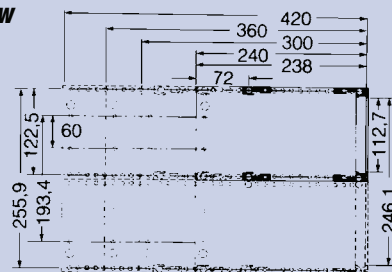
6U Subrack



Dimensional Detail



SIDE VIEW



PLAN VIEW

