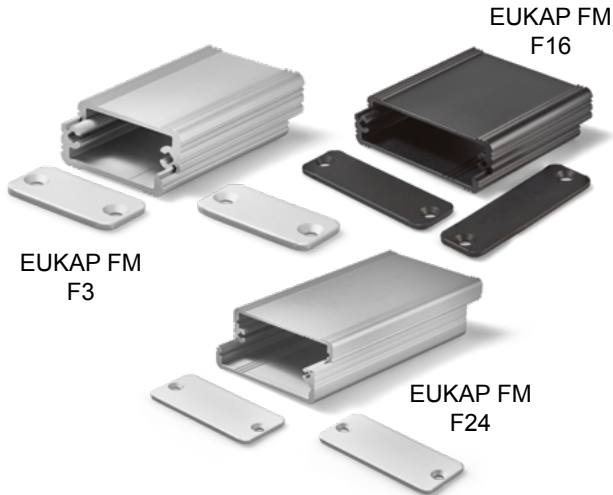


Data Sheet for Aluminium Housing

Electronics aluminium housing

Series EUKAP FM



The EUKAP FM series of small aluminium enclosures are designed for printed circuit boards with a max. 1.6 or 1.8 mm thick. The enclosures are available in 3 external heights 16/20/24 mm, standard lengths 50/80/100 mm and for board widths 21..67.5 mm. For the F3, F6, F10, F12 and F16 enclosures, D-sub connectors with the appropriate number of poles can be fitted directly without a front panel. The enclosures are supplied as a kit consisting of 2 profiles, 2 end plates and screws. The finish is anodised aluminium or black anodised aluminium.

Data Profile

Material	EN AW 6060 T66
Colour	Aluminium anodised or black anodised

Profile kind	External dim. height	External dim. width	Internal dim. height	PCB width	PCB depth	PC groove x 2	D-Sub plug
F3	16 mm	33 mm	12 mm	21.7 mm	≤ 1.8 mm	1	9-pole
F4	20 mm	33 mm	16 mm	29 mm	≤ 1.6 mm	1	-
F5	24 mm	33 mm	20 mm	29 mm	≤ 1.6 mm	2	-
F6	16 mm	41.3 mm	12 mm	29.3 mm	≤ 1.8 mm	1	15-pole
F7	20 mm	41.3 mm	16 mm	37.3 mm	≤ 1.6 mm	1	-
F8	24 mm	41.3 mm	20 mm	37.3 mm	≤ 1.6 mm	2	-
F16	16 mm	55 mm	12 mm	43 mm	≤ 1.8 mm	1	25-pole
F20	20 mm	55 mm	16 mm	51 mm	≤ 1.6 mm	1	-
F24	24 mm	55 mm	20 mm	51 mm	≤ 1.6 mm	2	-
F9	16 mm	69 mm	12 mm	57 mm	≤ 1.8 mm	1	-
F10	20 mm	69 mm	16 mm	65.4 mm	≤ 1.6 mm	1	50-pole
F11	24 mm	69 mm	20 mm	65.4 mm	≤ 1.6 mm	2	-
F12	16 mm	71.5 mm	12 mm	59.5 mm	≤ 1.8 mm	1	37-pole
F13	20 mm	71.5 mm	16 mm	67.5 mm	≤ 1.6 mm	1	-
F14	24 mm	71.5 mm	20 mm	67.5 mm	≤ 1.6 mm	2	-

Data End plates (included in delivery)

Material	AlMg1
Colour	Aluminium anodised or black anodised
Material thickness	2 mm
Feed for screws	2 x 2 screws M3x10 included in delivery
Fastening torque of screws	min. 0.7 Nm

Data Sheet for Aluminium Housing

Electronics aluminium housing

Series EUKAP FM

Order Code

Description	Selection: standard=black/bold , possible <i>options=grey/italic</i>			
Series:	EUKAP FM			
Hight x width external dimensions:				
16 mm x 33 mm		F3		
20 mm x 33 mm		F4		
24 mm x 33 mm		F5		
16 mm x 41,3 mm		F6		
20 mm x 41,3 mm		F7		
24 mm x 41,3 mm		F8		
16 mm x 55 mm		F16		
20 mm x 55 mm		F20		
24 mm x 55 mm		F24		
16 mm x 69 mm		F9		
20 mm x 69 mm		F10		
24 mm x 69 mm		F11		
16 mm x 71,5 mm		F12		
20 mm x 71,5 mm		F13		
24 mm x 71,5 mm		F14		
Profile length:				
50 mm			50	
80 mm			80	
100 mm			100	
<i>Option custom length <1000 mm (MOQ 25 pcs.)</i>			<i>XXXX</i>	
Profile and end plates colour:				
Aluminium anodised				A
Aluminium black anodised				N

For higher quantities or on-going demand, additional options are available as described below on request.

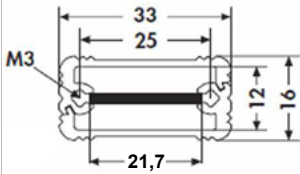
For Example: Processing of the housings such as drilling, punching, milling etc. as well as printing. Customized processing of end plates other thicknesses or materials and much more.

Data Sheet for Aluminium Housing

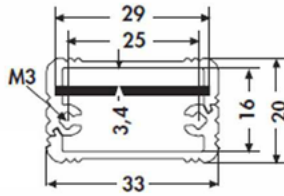
Electronics aluminium housing

Series EUKAP FM

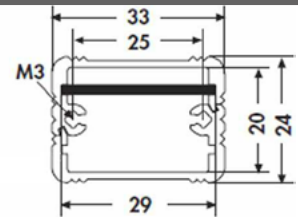
Drawing housing



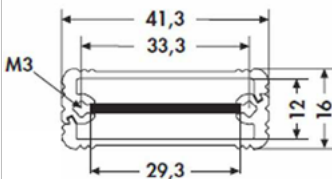
F3
D-Sub 9-polig



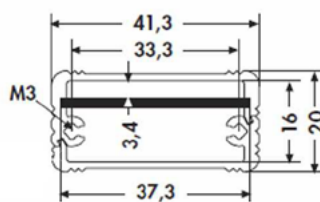
F4



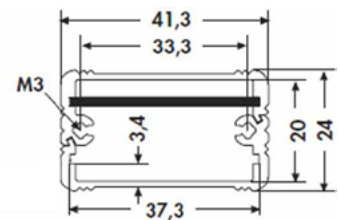
F5



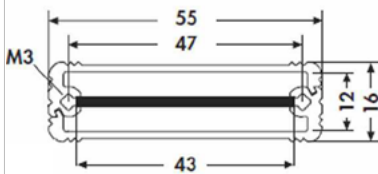
F6
D-Sub 15-polig



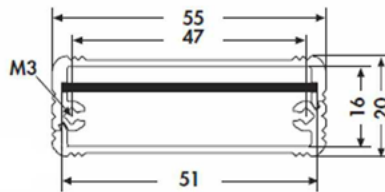
F7



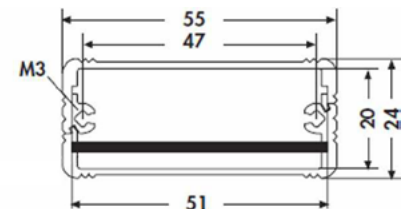
F8



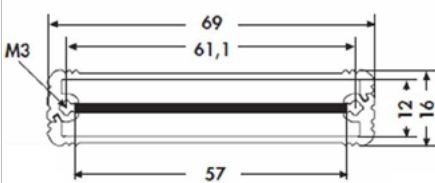
F16
D-Sub 25-polig



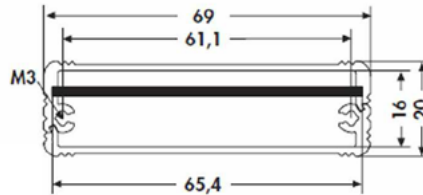
F20



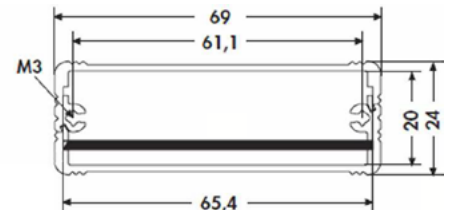
F24



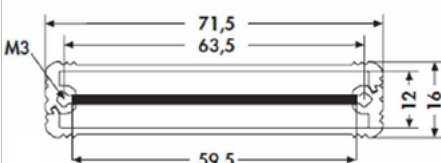
F9



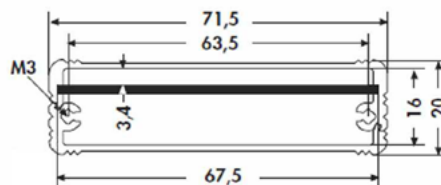
F10
D-Sub 50-polig



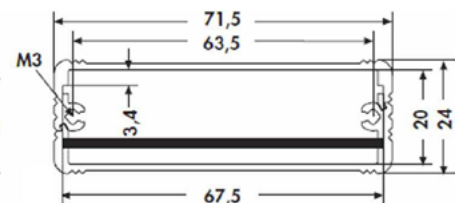
F11



F12
D-Sub 37-polig



F13



F14