

# DIN RAIL BOXES

## DIN Rail Standard Height Module Boxes

- Snap fit modular design for ease of assembly and custom kitting
- Base fits 35mm DIM rail or directly to flat surface
- Moulded in light grey UL94-V0 flame retardant polycarbonate
- Carries up to 3 PCBs horizontally or 2 vertically
- Snap fit terminal cover options for IP20 finger protection
- Snap in covers available in grey, clear, transparent red and smoked
- Standard enclosure consists of base, top and rail/wall clips
- Open top as standard, solid top, vented and extended wall options available
- Covers and terminal guards ordered separately and can be supplied in kits
- Easily customised covers and terminal guards
- Enclosed base offers isolation from DIN rail
- Front panel ideal for screen printing and recessed solid top for labels and membranes
- Other colours and EMC shielding available to order

CNMB



	BOX LENGTH	HORIZONTAL PCB SIZES			VERTICAL PCB SIZES		PCB FIXING BOSS	
		A	B	C	D	E	X	Y
CNMB/1-	17.5mm	86.5x14mm	57x14mm	41.8x14mm	34x59.6mm	40x14.8mm	6.2mm	18.3mm
CNMB/2-	36mm	86.5x33mm	57x32mm	42x32mm	34x59.6mm	40x33mm	6.2mm	18.3mm
CNMB/3-	53mm	86.5x50mm	57x49mm	42x49mm	34x59.6mm	40x50mm	8.8mm	18.3mm
CNMB/4-	71mm	86.5x68mm	57x67mm	42x67mm	34x59.6mm	40x68mm	8.8mm	18.3mm
CNMB/5-	88mm	86.5x84mm	57x83mm	42x83mm	34x59.6mm	40x84mm	8.8mm	18.3mm
CNMB/6-	106mm	86.5x103mm	57x102mm	42x102mm	34x59.6mm	40x103mm	8.9mm	18.3mm
CNMB/9-	159mm	86.5x156mm	57x155.5mm	42x155mm	34x59.6mm	40x155mm	8.9mm	18.3mm
CNMB/12-	212mm	86.5x208mm	57x207mm	42x207mm	34x59.6mm	40x208mm	8.9mm	18.3mm

For double row terminals covers both sides, add /2 to type No. (e.g. CNMB/3/2)

For single row terminals cover one side only, add /1 to type No. (e.g. CNMB/3/1)

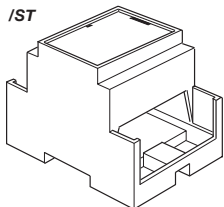
Box supplied with open top as standard

For solid recessed top used for membrane keypads or clear covers to enclose labels, add /ST to type No. (e.g. CNMB/3ST/2)

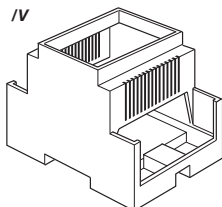
For cooling vents both sides add /V to type No. (e.g. CNMB/3/V/2)

For extended side walls which meet the lower PCB behind terminals, add /W to type No. (e.g. CNMB/3W/2)

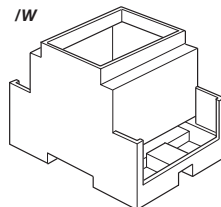
Solid Top /ST



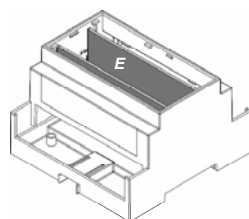
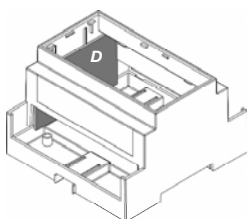
Vented Sides /V



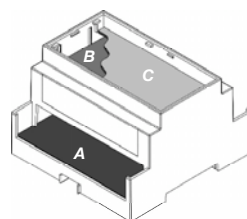
Extended Walls /W



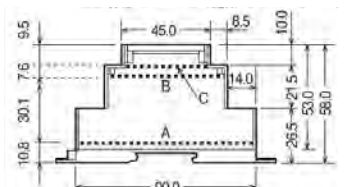
Vertical PCB Positions



Horizontal PCB Positions

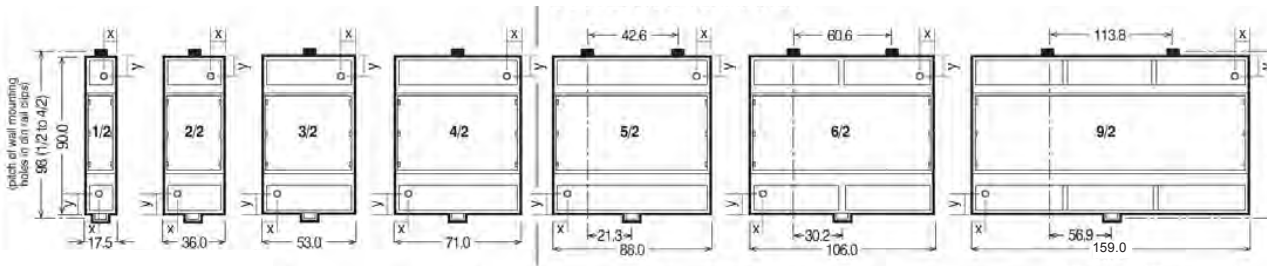


Horizontal PCB Sizes

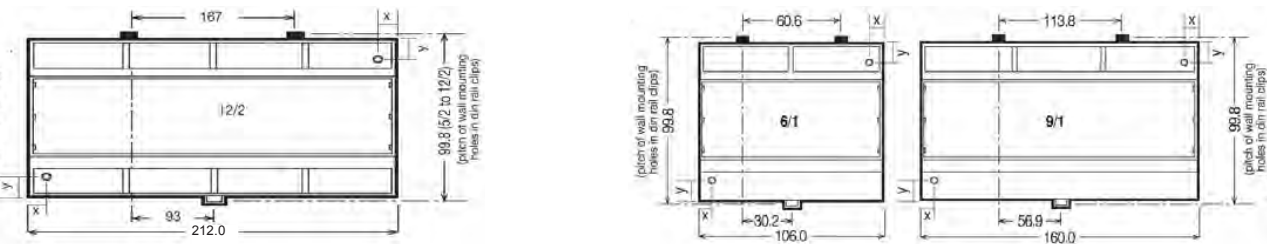


# DIN RAIL BOXES

## Double Row Terminals/ covers both sides



## Single Row Terminals/ covers on one side



## Terminal Guards Solid

TYPE NO.	STYLE	A	D	E
CNMB/1/TGS	Solid	17.5mm	15.0mm	14.3mm
CNMB/2/TGS	Solid	35.5mm	29.9mm	13.8mm
CNMB/3/TGS	Solid	52.8mm	45.5mm	13.8mm
CNMB/4/TGS	Solid	70.6mm	59.9mm	13.8mm
CNMB/5/TGS	Solid	87.6mm	79.5mm	13.8mm

\*For 6, 9 & 12 Size Module Use CNMB/3TGS

## 5.08mm pitch perforated

TYPE NO.	STYLE	A	D	E
CNMB/1/TG508P	Solid	17.5mm	15.0mm	14.3mm
CNMB/2/TG508P	Solid	35.5mm	29.9mm	13.8mm
CNMB/3/TG508P	Solid	52.8mm	45.5mm	13.8mm
CNMB/4/TG508P	Solid	70.6mm	59.9mm	13.8mm
CNMB/5/TG508P	Solid	87.6mm	79.5mm	13.8mm

\*For 6, 9 & 12 Size Module Use CNMB/3TG508P

## 5.08mm pitch pre-drilled

TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG508	Pre-Drilled	3	17.5mm	2.3mm	2.3mm	15.0mm	14.3mm
CNMB/2/TG508	Pre-Drilled	6	35.5mm	0.9mm	2.7mm	29.9mm	13.8mm
CNMB/3/TG508	Pre-Drilled	9	52.8mm	2.3mm	2.3mm	45.5mm	13.8mm
CNMB/4/TG508	Pre-Drilled	12	70.6mm	2.7mm	5.8mm	59.9mm	13.8mm
CNMB/5/TG508	Pre-Drilled	15	87.6mm	2.7mm	5.8mm	79.5mm	13.8mm

For 6, 9 & 12 Size Module Use CNMB/3/TG508

## 7.5mm pitch pre-drilled

TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG750	Pre-Drilled	2	17.5mm	2.3mm	2.3mm	15.0mm	14.3mm
CNMB/2/TG750	Pre-Drilled	4	35.5mm	0.9mm	2.7mm	29.9mm	13.8mm
CNMB/3/TG750	Pre-Drilled	6	52.8mm	2.3mm	2.3mm	45.5mm	13.8mm
CNMB/4/TG750	Pre-Drilled	8	70.6mm	2.7mm	5.8mm	59.9mm	13.8mm
CNMB/5/TG750	Pre-Drilled	10	87.6mm	2.7mm	5.8mm	79.5mm	13.8mm

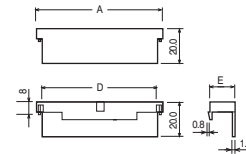
For 6, 9 & 12 Size Module Use CNMB/3/TG750

## 10.16mm pitch pre-drilled

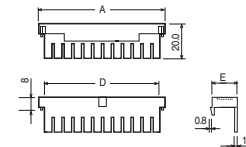
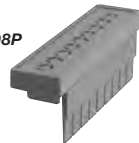
TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG100	Pre-Drilled	2	17.5mm	1.0mm	1.0mm	15.0mm	14.3mm
CNMB/2/TG100	Pre-Drilled	3	35.5mm	0.9mm	0.9mm	29.9mm	13.8mm
CNMB/3/TG100	Pre-Drilled	5	52.8mm	1.0mm	1.0mm	45.5mm	13.8mm
CNMB/4/TG100	Pre-Drilled	6	70.6mm	2.7mm	2.7mm	59.9mm	13.8mm
CNMB/5/TG100	Pre-Drilled	7	87.6mm	2.7mm	5.8mm	79.5mm	13.8mm

For 6, 9 & 12 Size Module use CNMB/3/TG100

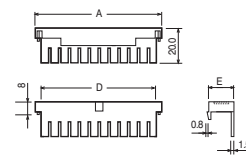
CNMB/ /TGS



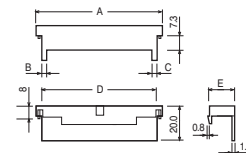
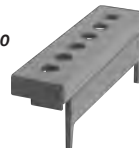
CNMB/ /TG508P



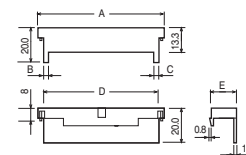
CNMB/ /TG508



CNMB/ /TG750



CNMB/ /TG100



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19" ENCLOSURES

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# DIN RAIL BOXES

## Extended Height Module

- 16mm high
- Accepts hinged, curved lid
- Adds an additional horizontal PCB slot

TYPE NO.	WIDTH
CNMB/2/E	34.7mm
CNMB/3/E	52.0mm
CNMB/4/E	70.0mm
CNMB/5/E	86.5mm
CNMB/6/E	104.5mm
CNMB/9/E	157.7mm



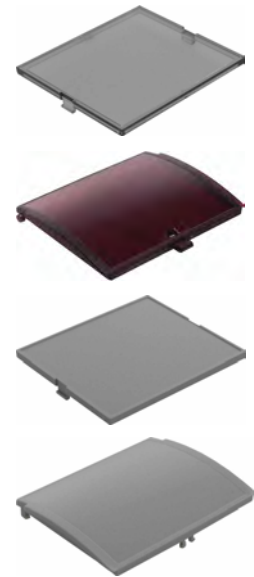
## Panels/Covers

TYPE NO.	STANDARD COVERS
CNMB/1/PR	Red Transparent
CNMB/2/PR	Red Transparent
CNMB/3/PR	Red Transparent
CNMB/4/PR	Red Transparent
CNMB/5/PR	Red Transparent
CNMB/6/PR	Red Transparent
CNMB/9/PR	Red Transparent
CNMB/12/PR	Red Transparent
CNMB/1/PS	Smoked Transparent
CNMB/2/PS	Smoked Transparent
CNMB/3/PS	Smoked Transparent
CNMB/4/PS	Smoked Transparent
CNMB/5/PS	Smoked Transparent
CNMB/6/PS	Smoked Transparent
CNMB/9/PS	Smoked Transparent
CNMB/12/PS	Smoked Transparent
CNMB/1/PC	Clear Transparent
CNMB/2/PC	Clear Transparent
CNMB/3/PC	Clear Transparent
CNMB/4/PC	Clear Transparent
CNMB/5/PC	Clear Transparent
CNMB/6/PC	Clear Transparent
CNMB/9/PC	Clear Transparent
CNMB/12/PC	Clear Transparent
CNMB/1/PG	Grey
CNMB/2/PG	Grey
CNMB/3/PG	Grey
CNMB/4/PG	Grey
CNMB/5/PG	Grey
CNMB/6/PG	Grey
CNMB/9/PG	Grey
CNMB/12/PG	Grey

TYPE NO.	CURVED COVERS
CNMB/1/PRC	Red Transparent
CNMB/2/PRC	Red Transparent
CNMB/3/PRC	Red Transparent
CNMB/4/PRC	Red Transparent
CNMB/5/PRC	Red Transparent
CNMB/6/PRC	Red Transparent
CNMB/9/PRC	Red Transparent
CNMB/1/PSC	Smoked Transparent
CNMB/2/PSC	Smoked Transparent
CNMB/3/PSC	Smoked Transparent
CNMB/4/PSC	Smoked Transparent
CNMB/5/PSC	Smoked Transparent
CNMB/6/PSC	Smoked Transparent
CNMB/9/PSC	Smoked Transparent
CNMB/1/PCC	Clear Transparent
CNMB/2/PCC	Clear Transparent
CNMB/3/PCC	Clear Transparent
CNMB/4/PCC	Clear Transparent
CNMB/5/PCC	Clear Transparent
CNMB/6/PCC	Clear Transparent
CNMB/9/PCC	Clear Transparent
CNMB/1/PGC	Grey
CNMB/2/PGC	Grey
CNMB/3/PGC	Grey
CNMB/4/PGC	Grey
CNMB/5/PGC	Grey
CNMB/6/PGC	Grey
CNMB/9/PGC	Grey

TYPE NO.	HINGED CURVED
CNMB/2/HPCC	Clear
CNMB/3/HPCC	Clear
CNMB/4/HPCC	Clear
CNMB/5/HPCC	Clear
CNMB/6/HPCC	Clear
CNMB/9/HPCC	Clear
CNMB/2/HPRC	Transparent Red
CNMB/3/HPRC	Transparent Red
CNMB/4/HPRC	Transparent Red
CNMB/5/HPRC	Transparent Red
CNMB/6/HPRC	Transparent Red
CNMB/9/HPRC	Transparent Red
CNMB/2/HPGC	Grey
CNMB/3/HPGC	Grey
CNMB/4/HPGC	Grey
CNMB/5/HPGC	Grey
CNMB/6/HPGC	Grey
CNMB/9/HPGC	Grey

Hinged Covers used on extended module only



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19" ENCLOSURES

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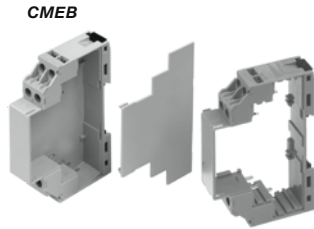
CUSTOM SIZED ENCLOSURES

CUSTOM SERVICES

# DIN RAIL BOXES

## Extendable Module Box

- 17.5mm width module box, extendable
- Box has a detachable end plate
- Extension box is sideless
- Each module, has 8 removable screw terminals
- Top hat 35mm DIN rail or surface mounting
- Moulded in flame retardant UL94-V0

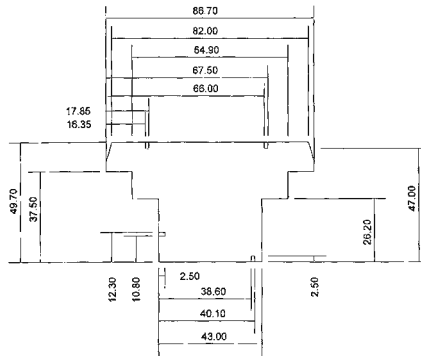


TYPE NO.	DESCRIPTION
CMEB	17.5mm Module box
CMEB/E	Extension

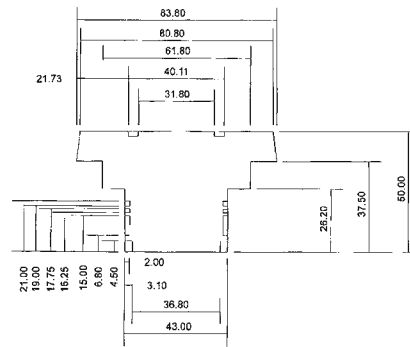
### SPECIFICATION

Rating Terminals	8A/250VAC
Cable entry	2x2.5mm <sup>2</sup> Solid or Standard
Terminal protection	IP20

### CMEB max PCB Dimensions



### CMEB/E max PCB Dimensions



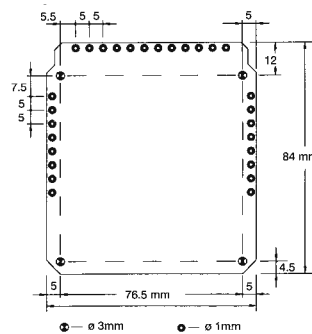
## Vertical Box for DIN Rail

- Designed for 5mm pitch terminal blocks
- Two sizes, 22.5mm or 45mm wide
- Solid & perforated plates to cover unused terminal areas
- Three sides accept 12-way terminal blocks each side
- Complete box contains one 12-way closed, three 4-way closed & three 4-way perforated plates



### SPECIFICATION

Rating Terminals	8A/250VAC
Cable entry	2x2.5mm <sup>2</sup> Solid or Standard
Terminal protection	IP20



TYPE NO.	DESCRIPTION	SIZE
CVB225/KIT	Complete plastic box	22.5x82x90mm
CVB450/KIT	Complete plastic box	45x82x90mm
CVBPF4	4 way perforated	
CVBPP4	4 way closed plate	
CVBPP12	12 way closed plate	
CVBMSC	Thousand holes printed circuit	

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# INTERFACE SUPPORTS

## Mini Series 72mm Empty Modular Interface Supports

- Suitable for 72mm width PCB's
- Modular Construction for easy Assembly
- Snap fit Din Rail mounting fixtures
- Moulded in green UL 94V0 flame retardant PA
- Wall mounting kit option
- Terminal blocks available in same colour
- Integral marker facility
- Registered Design No: 2106418®

- Also available in different colours
- End section foot for top hat DIN rail

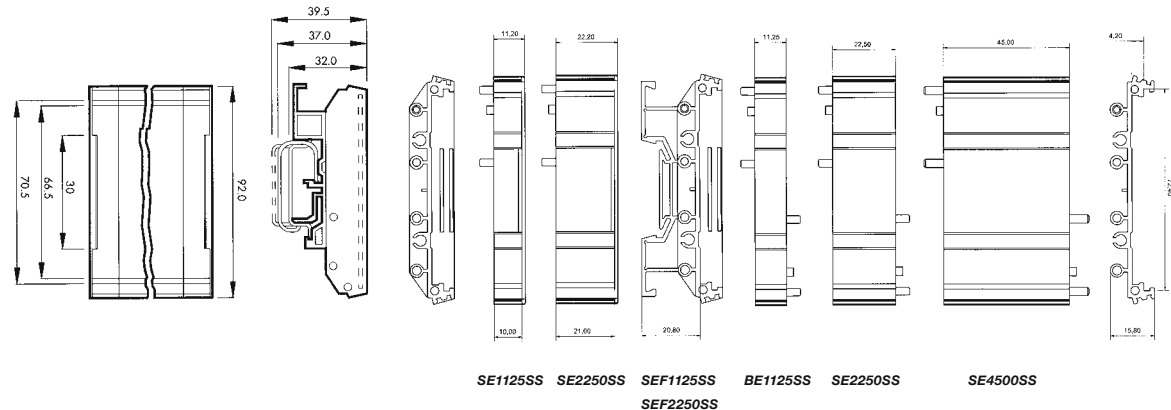
CIME/M



PCB LENGTH	BASE ELEMENT			END SECTION		PART COUNT
	11.25mm	22.5mm	45.0mm	11.25mm	22.5mm	
20mm				2		2
31.25mm				1	1	2
42.5mm				2		2
53.75mm	1			2		3
65mm		1		2		3
76.25mm			1	1	1	3
87.5mm			1	2		3
98.75mm	1		1	2		4
110mm		1	1	2		4
121.25mm			2	1	1	4
132.5mm			2		2	4
143.75mm	1		2		2	5
155mm		1	2		2	5
166.25mm		1	1		3	5
177.5mm			2		3	5

The Table above shows how, for a given PCB Length, modules can be selected to make an interface support

TYPE NO.	DESCRIPTION	WIDTH
CIME/M/BE1125SS	Base element	11.25mm
CIME/M/BE2250SS	Base element	22.5mm
CIME/M/BE4500SS	Base element	45.0mm
CIME/M/SE1125SS	End Section	11.25mm
CIME/M/SE2250SS	End Section	22.5mm
CIME/M/SEF1125SS	End Section with foot	11.25mm
CIME/M/SEF2250SS	End Section with foot	22.5mm
CIME/M/FE0000SS	Foot element	



### Wall Mounting Plates

- Flush and raised surface mounting plates
- Press into sides of end section without tool
- Use foot element on long lengths with raised plates

TYPE NO	STYLE
CIME/M/MPF	Flush
CIME/M/MPR	Raised



# INTERFACE SUPPORTS

## Mini Series 72mm Empty Extruded Interface Support

- Suitable for 72mm width PCB's
- Snap fit Din Rail mounting fixtures
- Available in pre-cut lengths up to 2 metres
- Terminal blocks available in same colour



TYPE NO.	DESCRIPTION
CIME/M/BE2000E	2m Extruded base element
CIME/M/EC0000E	End cover
CIME/M/SCREWE	Fixing screws for end covers
CIME/M/FE0000E	Foot element

### Complete Modules

- Cut to length base element
- One end & feet supplied pre-assembled
- One end & screws supplied loose

LENGTH	NO. OF FEET
16-50mm	1
51-150mm	2
151-300mm	3
301-500mm	4
501-750mm	5
751-999mm	6

TYPE NO.	DESCRIPTION
CIM72/xxxx/E	Complete module

xxxx = PCB length required minus 4mm  
e.g. CIM107/126/E  
for complete module PCB length 130

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# INTERFACE SUPPORTS

## Euro series 107mm Empty Modular Interface Support

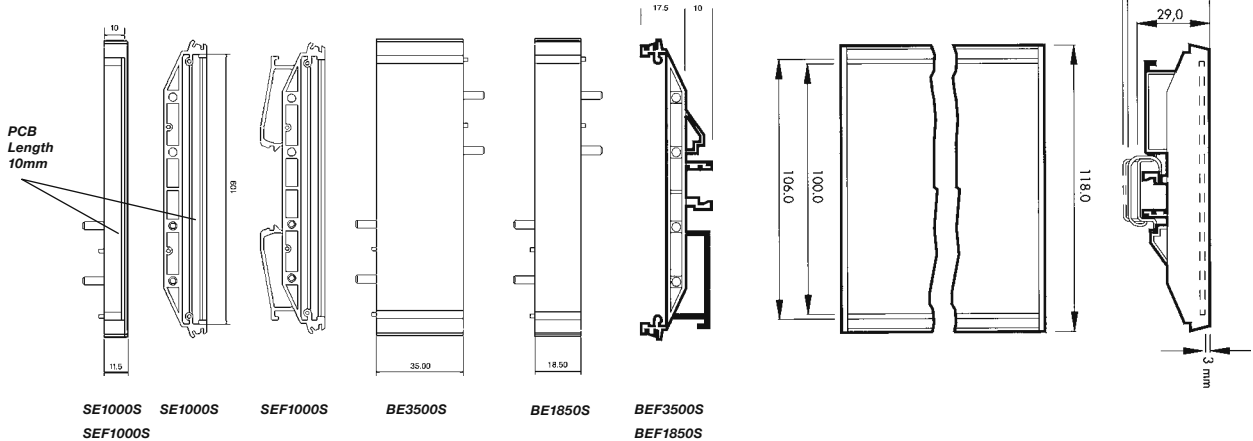
- Suitable for 107mm width PCB's
- Modular Construction for easy assembly
- Snap fit Din Rail mounting fixtures
- Moulded in green UL 94V0 flame retardant PA
- Terminal blocks available in same colour
- Integral marker facility
- Integral Din rail mounting clip



PCB LENGTH	END SECTION	BASE ELEMENT		PART COUNT	
		11.5mm	18.5mm		35mm
20mm	2			2	
38.5mm	2		1	3	
55mm	2			1	3
73.5mm	2		1	1	4
90mm	2			2	4
108.5mm	2		1	2	5
125mm	2			3	5
143.5mm	2		1	3	6
160mm	2			4	6
178.5mm	2		1	4	7
195mm	2			5	7
213.5mm	2		1	5	8
230mm	2			6	8
248.5mm	2		1	6	9
265mm	2			7	9

TYPE NO.	DESCRIPTION	WIDTH
CIME/E/BE1850S	Base element	18.5mm
CIME/E/BE3500S	Base element	35mm
CIME/E/BEF1850S	Base element with foot	18.5mm
CIME/E/BEF3500S	Base element with foot	35mm
CIME/E/SE1000S	End Section	11.5mm
CIME/E/SEF1000S	End Section with foot	11.5mm

The Table above shows how, for a given PCB Length, modules can be selected to make an interface support



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# INTERFACE SUPPORTS

## Euro series 107mm Empty Extruded Interface Support

- Suitable for 107mm width PCB's
- Snap fit Din Rail mounting fixtures
- Available in pre-cut lengths up to 2 metres
- Terminal blocks available in same colour



TYPE NO.	DESCRIPTION
CIME/E/BE2000E	2m Extruded base element
CIME/E/EC0000E	End cover
CIME/E/SCREWE	Fixing screws for end covers
CIME/E/FE0000E	Foot element

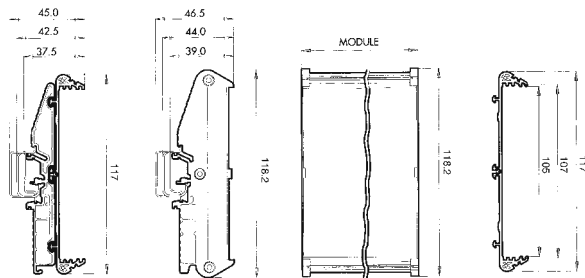
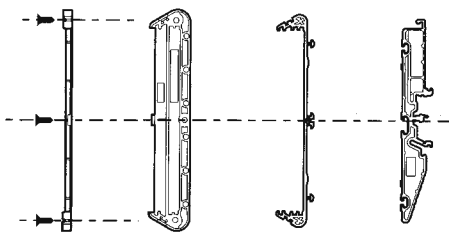
### Complete Modules

- Cut to length base element
- One end & feet supplied pre-assembled
- One end & screws supplied loose

LENGTH	NO. OF FEET
16-50mm	1
51-150mm	2
151-300mm	3
301-500mm	4
501-750mm	5
751-999mm	6

TYPE NO.	DESCRIPTION
CIM107/xxxx/E	Complete module

xxxx = PCB length required minus 4mm  
e.g. CIM107/126/E  
for complete module PCB length 130



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