Empty modules

"series 10 000"

Features

A series 10 000 module is made of three parts :

- Body of molded polyamide (holding the terminals).
- Two polyamide end plates of different thickness, which, snapped onto the body,protect the electronic components and determine the overail spacing.

Spacing	Components	
	Body	End plate
18	1 x EB...	2 x **PFN 1**
23	1 x EB...	(1 x **PFN 1**) + 1 x **PFN 2**)
28	1 x EB...	2 x **PFN 2**

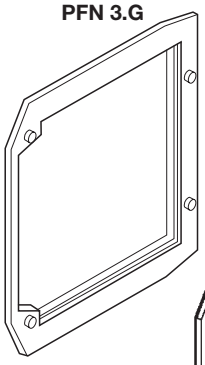
Accessories

Marking method	RC55	see marking

End plate without airing holes - Type **PFN 3**.

Grey	PFN 3.G	1SNA **114 289** R**24**00

PFN 3.G

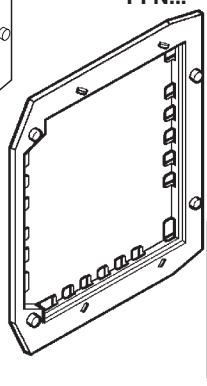


End plate with airing holes **PFN 1** - Thickness 3.5 mm.

Grey	PFN 1.G	1SNA **113 091** R**00**00
Orange	PFN 1.O	1SNA **103 259** R**13**00
Blue (1)	PFN 1.B	1SNA **123 091** R**02**00
Black	PFN 1.N	1SNA **107 007** R**02**00

(1) Material not kept in stock

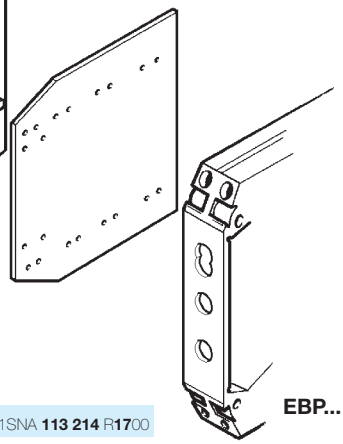
PFN...



PREPUNCHED printed circuit board.

CI 115	1SNA **174 021** R**16**00

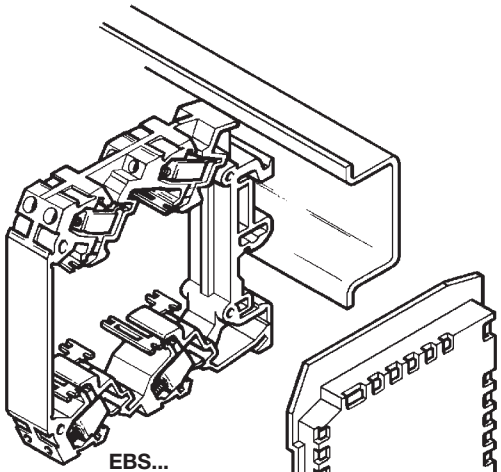
CI 115



Type **EBP** body equipped with 8 screw clamp-terminals with 4 drilling.

Grey	EBP...A	1SNA **113 214** R**17**00

EBP...



EBS...

Standard type **EBS** body equipped with 8 screw-clamp terminals.

Grey	EBS...A	1SNA **114 533** R**00**00
Orange	EBS...A	1SNA **103 305** R**02**00
Blue (1)	EBS...A	1SNA **124 533** R**02**00
Black	EBS...A	1SNA **104 071** R**23**00

(1) Material not kept in stock

End plate with airing holes type **PFN 2** - Thickness 8.5 mm.

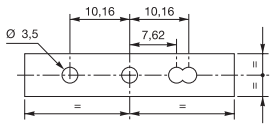
Grey	PFN 2.G	1SNA **113 095** R**04**00
Orange	PFN 2.O	1SNA **103 260** R**10**00
Blue (1)	PFN 2.B	1SNA **123 095** R**06**00
Black	PFN 2.N	1SNA **107 008** R**00**00

(1) Material not kept in stock

PFN...

Option

Type "EBP" body with 4 holes for indicator or potentiometers, etc...



Standard "EBS" body

How to order

Indicate the part numbers of an insulator and the 2 end plates.
Example : for a 23 mm spacing module equipped with 8 screw-clamp connections, you must order :

1 grey insulator	1SNA **114 533** R**00**00
1 grey end plate 3.5	1SNA **113 091** R**00**00
1 grey end plate 8.5	1SNA **113 095** R**04**00

E

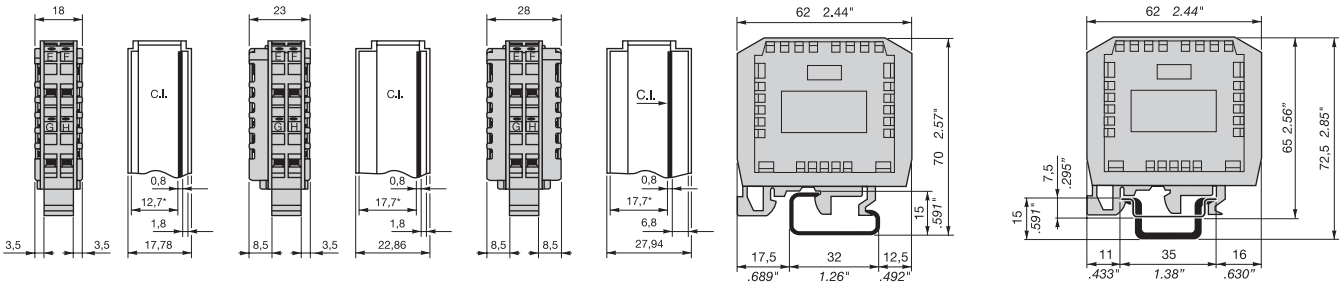
Empty modules

"series 10 000"

Dimensions

Component holder spacing is determined by required internal volume for component packaging.

* : Max. height of components



2 end plates 3,5

1 end plate 3,5
1 end plate 8,5

2 end plates 8,5

on rail EN 50035

on rail EN 50022
35 x 15 35 x 7,5

Electrical and mechanical characteristics

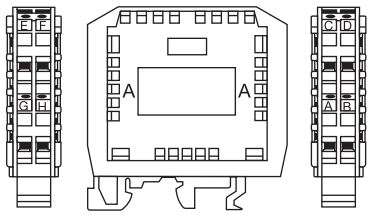
1. Electrical

TYPE OF CONNECTION		SCREW-CLAMP A
Connecting capacity	Rigid conductor	0 to 4 mm²
	Flexible conductor	0 to 2,5 mm²
	AWG	20 to 12 AWG
Rated voltage	DIN Gr. C	250 V ~ and 300 V =
	NFC Cat. C	250 V ~ and =
	CSA	
Remarks		wire stripping length 7 mm
		Ø recommended screwdriver 3,5 mm

2. Mechanical

Body : polyamide UL 94.V0
Working temperature : -40°C to +100°C
Arc creepage index : KB 600
Storage temperature : -55°C to +110°C

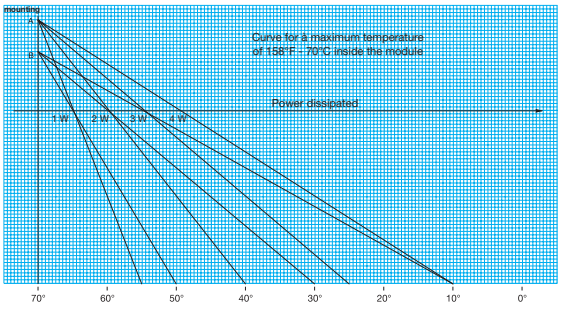
Right side Left side



3. Thermal

- For maximum reliability, the mounting method must be determined according to the power dissipated in the interface module, and the ambient temperature around the modules.

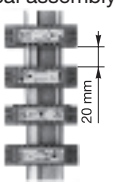
- Inversely, knowing the type of mounting, A or B, and the power dissipated, the curve (left) determines the maximum recommended ambient temperature.



Maximum temperature near the modules

horizontal assembly
A

vertical assembly
B



The characteristics shown on the left are given as a guide and may be modified without notice

Accessories
Printed circuit boards

Material : Epoxy resin UL94 V0
- Thickness of copper : 35 µm
Prepunched boards

CI 115	1SNA **174 021** R**16**00