

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 overall 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

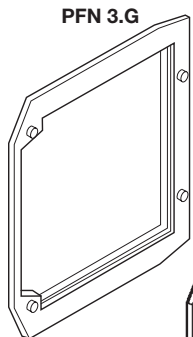
Marking method

RC55

see marking

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

Grey PFN 3.G 1SNA 114 289 R2400



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

Grey PFN 1.G 1SNA 113 091 R0000
 Orange PFN 1.O 1SNA 103 259 R1300
 Blue (1) PFN 1.B 1SNA 123 091 R0200
 Black PFN 1.N 1SNA 107 007 R0200

(1) Material not kept in stock

PFN...

CI 115

PREPUNCHED printed circuit board.

CI 115 1SNA 174 021 R1600

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

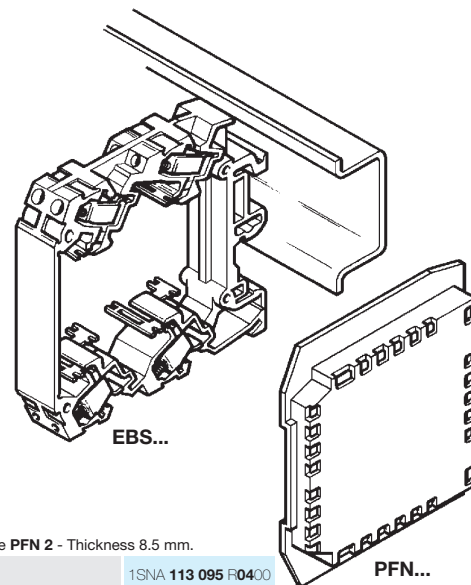
Grey EBP...A 1SNA 113 214 R1700

EBP...

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

Grey EBS...A 1SNA 114 533 R0000
 Orange EBS...A 1SNA 103 305 R0200
 Blue (1) EBS...A 1SNA 124 533 R0200
 Black EBS...A 1SNA 104 071 R2300

(1) Material not kept in stock



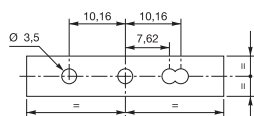
End plate with airing holes type **PFN 2** - Thickness 8.5 mm.

Grey PFN 2.G 1SNA 113 095 R0400
 Orange PFN 2.O 1SNA 103 260 R1000
 Blue (1) PFN 2.B 1SNA 123 095 R0600
 Black PFN 2.N 1SNA 107 008 R0000

(1) Material not kept in stock

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 R0000
 1 grey end plate 3.5 1SNA 113 091 R0000
 1 grey end plate 8.5 1SNA 113 095 R0400



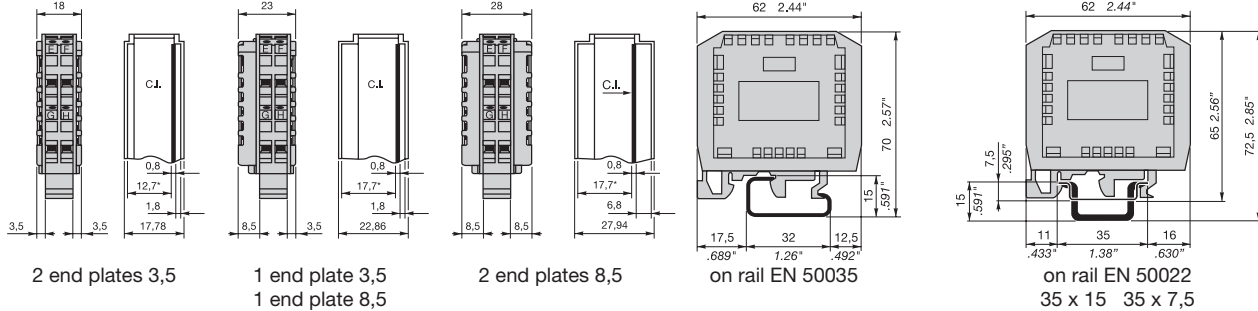
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Dimensions

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

* : Max. height of components



Electrical and mechanical characteristics

1. Electrical

TYPE OF CONNECTION		SCREW-CLAMP A
Connecting capacity	Rigid conductor	0 to 4 mm ²
	Flexible conductor	0 to 2,5 mm ²
	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

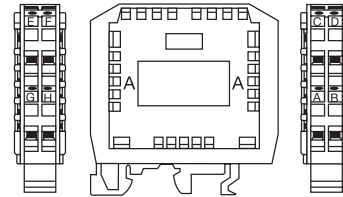
Working temperature : -40°C to +100°C

Arc creepage index : KB 600

Storage temperature : -55°C to +110°C

Right side

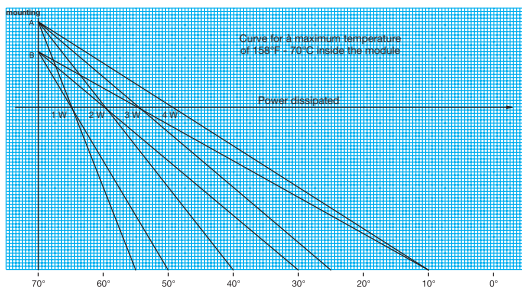
Left side



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 ambient temperature.

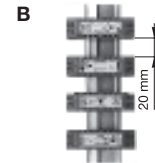


Maximum temperature near the modules

horizontal assembly



vertical assembly



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 R1600

