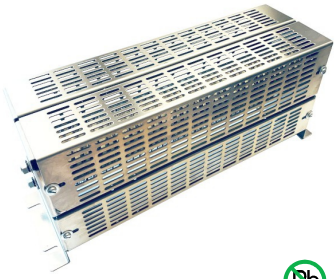
SC-CRF-IP

Resistencias de frenado / Brake resistors

PRELIMINARY TECHNICAL INFORMATION

CARACTERISTICAS / HIGHLIGHTS

- Amplia gama de valores y potencias / Wide range of value and power
- Alta fiabilidad / High reliability
- Fácil de montaje / Easy mounting
- Bajo coste / Low cost



non-contractual image

DESCRICPIÓN / OVERVIEW

Disponible en una amplia gama de valores y potencias. Su fácil montaje y bajo coste las convierten en una solución muy competente como resistencia de frenado de variadores de velocidad, como en ascensores y plataformas. / Wide range of values and power available. Easy to mount and low cost situates these resistors as a perfect solution for braking resistor in drives and soft starters, main applications are elevators and platforms.

CARACTERISTICAS TÉCNICAS / TECHNICAL CHARACTERISTICS

Tipo /Type	Resistencia tubular cementada / Tubular cemented resistor
Coeficiente de temperatura / Temperature coefficient	44ppm/ºC
Tolerancia / Tolerance	±5%
Temperatura operación/ Operating temperature	-55 a 450ºC / -55 to 450ºC
Refrigeración / Cooling	Convección natural / Natural convection
Incremento de temperatura / Temperature rise	275K @ Wnom.
Tensión máxima de trabajo / Maximum working voltage	1000 V_{RMS}
Resistencia de aislamiento / Insulation resistance	>10MOhms @ 500 V_{DC}
Prot. térmica (opcional) / Thermal prot. (optional).	Termostato NC 160ºC / NC thermal switch 160ºC
Posición de montaje / Mounting position	Horizontal
Grado de protección / Protection grade	IP207
Envolvente / Case	Inox. AISI 304



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TIPOS ESTÁNDAR / STANDARD TYPES

TIPOS / TYPES				
Potencia / Power	Ohms. Min.	Ohms. Max	Fig.	Peso /Weight
100W	1R	80k	Fig. IP.1	440 g.
200W				480 g.
300W				1100 g.
400W				1200 g.
500W				
600W				1935 g.
800W				
1000W				2050 g.
1200W			Fig. IP.2	2635 g.
1500W				
1800W				1800 g.
2000W				
2500W			Fig. IP.4	6000 g.
3000W				
4000W				
5000W				
6000W			Fig. IP.5	12000 g.
7000W				
8000W				
9000W			Fig. IP.6	18000 g.
10000W				
12000W			Fig. IP.7	24000 g.
14000W				
16000W			Fig. IP.8	30000 g.
18000W				
21000W			Fig. IP.9	36000 g.
24000W				
30000W			Fig. IP.10	42000 g.

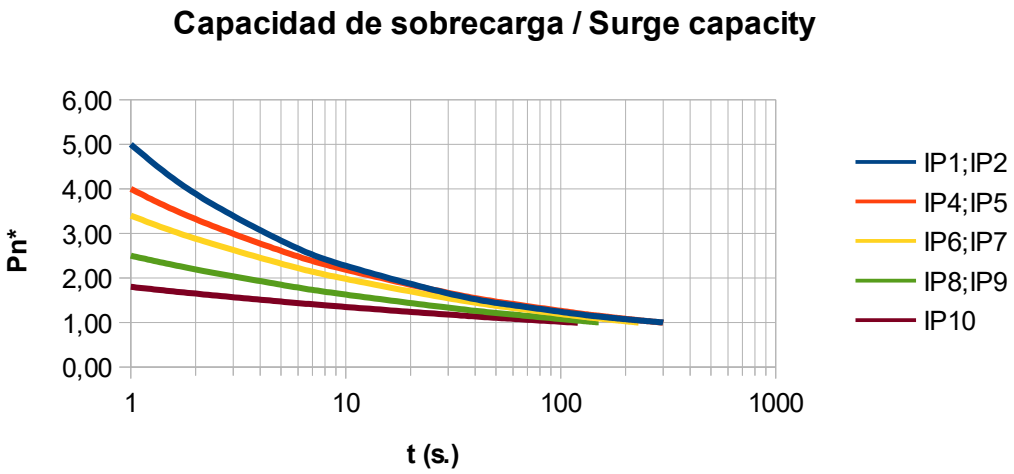
CODIFICACION / ORDER CODES

SC-CRF-IP 9000 32R T
(1) (2) (3) (4)

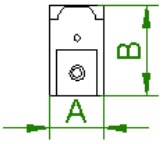
(1)-Referencia de producto (SC-CRF-IP) / Product reference (SC-CRF-IP)
(2)-Potencia(en el ejemplo 9000 W) / Power (in the example 9000 W)
(3)-Valor resistivo (en el ejemplo 32 Ohmios) / Resistance value (in the example 32 Ohms)
(4)-Con protección térmica / With thermal protection.

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DATOS DE SOBRECARGA / SURGE DATA



DIMENSIONES / DIMENSIONS



All dimensions in mm.

W	A	B	C	D
100	60	64	195	213
200				
300	66	100	333	350
400				
500				
600			450	470
800				
1000				

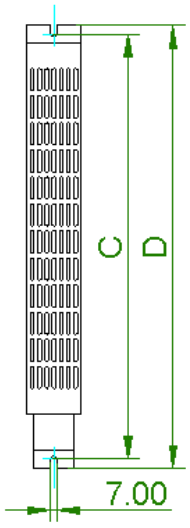


Fig. IP.1

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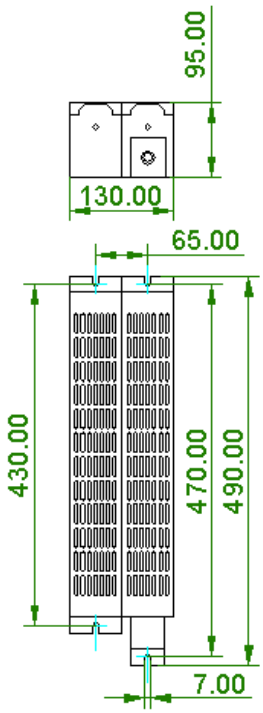


Fig. IP.2

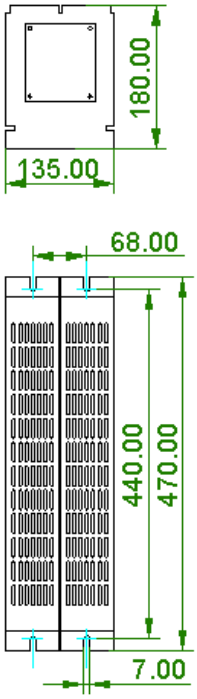


Fig IP.4

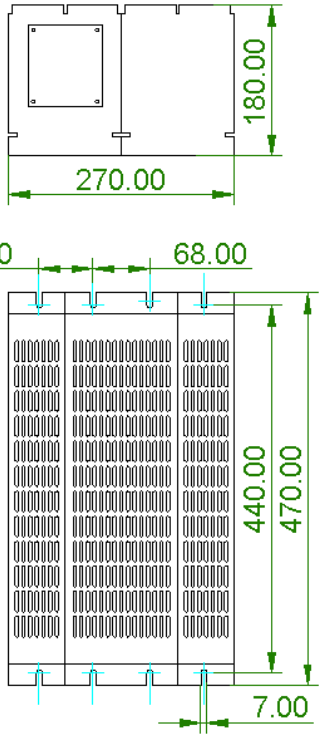


Fig. IP.5

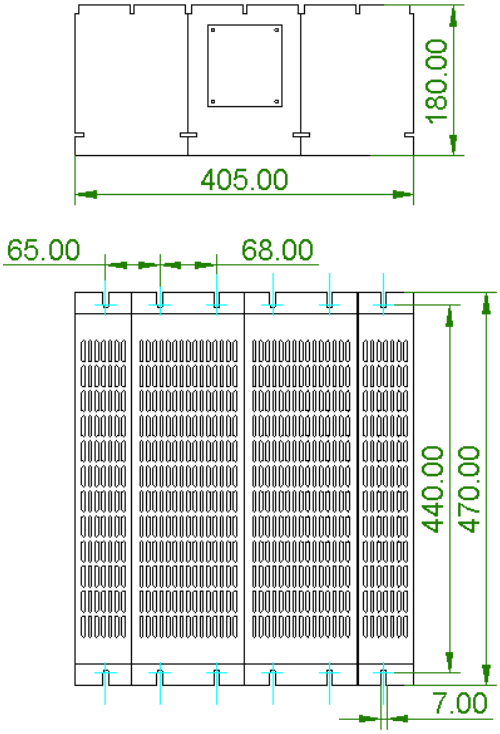


Fig.IP.6

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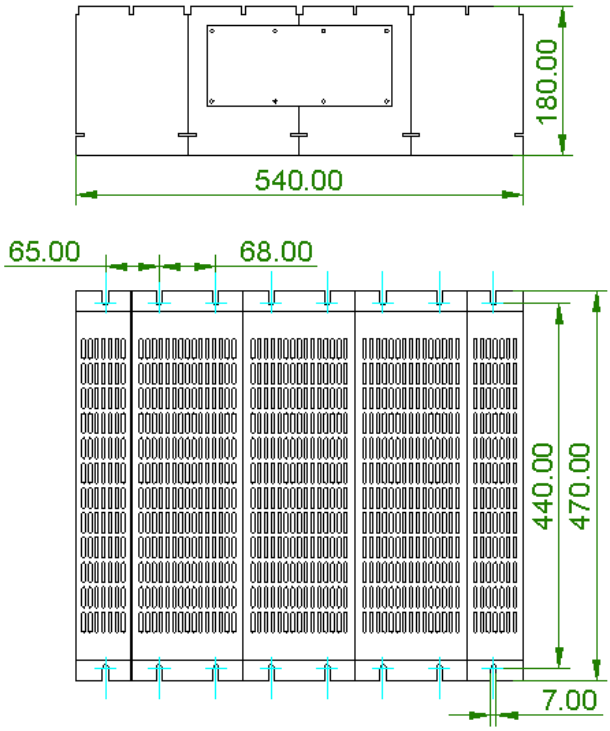


Fig. IP.7

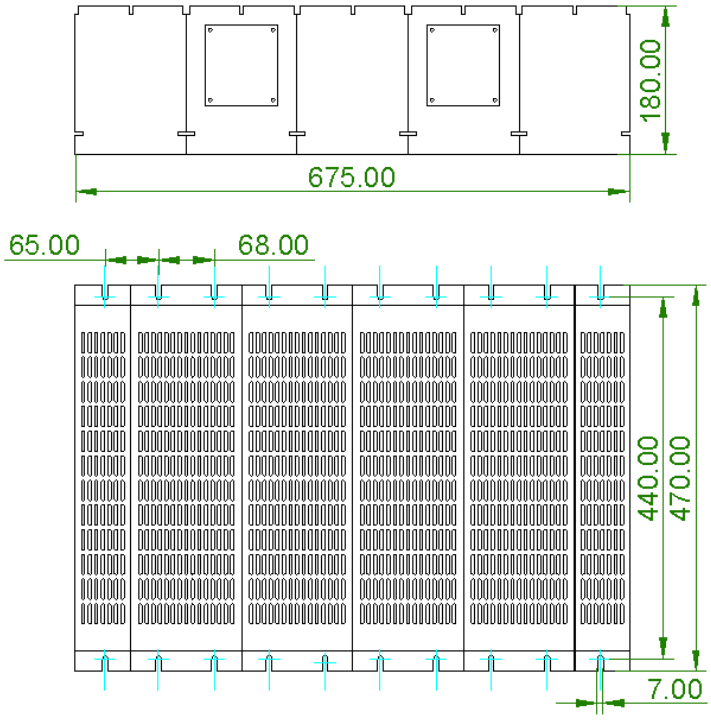


Fig. IP.8

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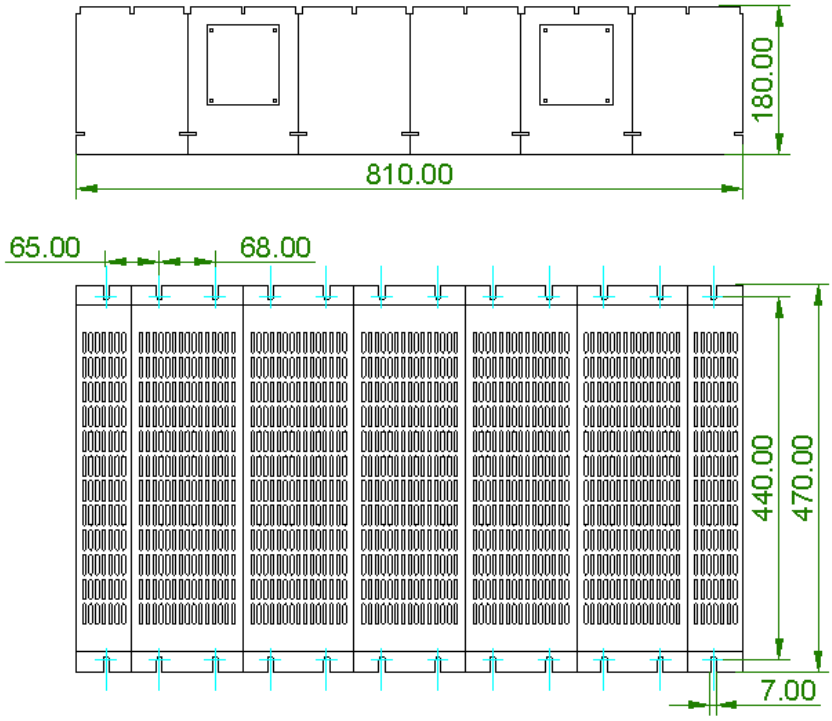


Fig. IP.9

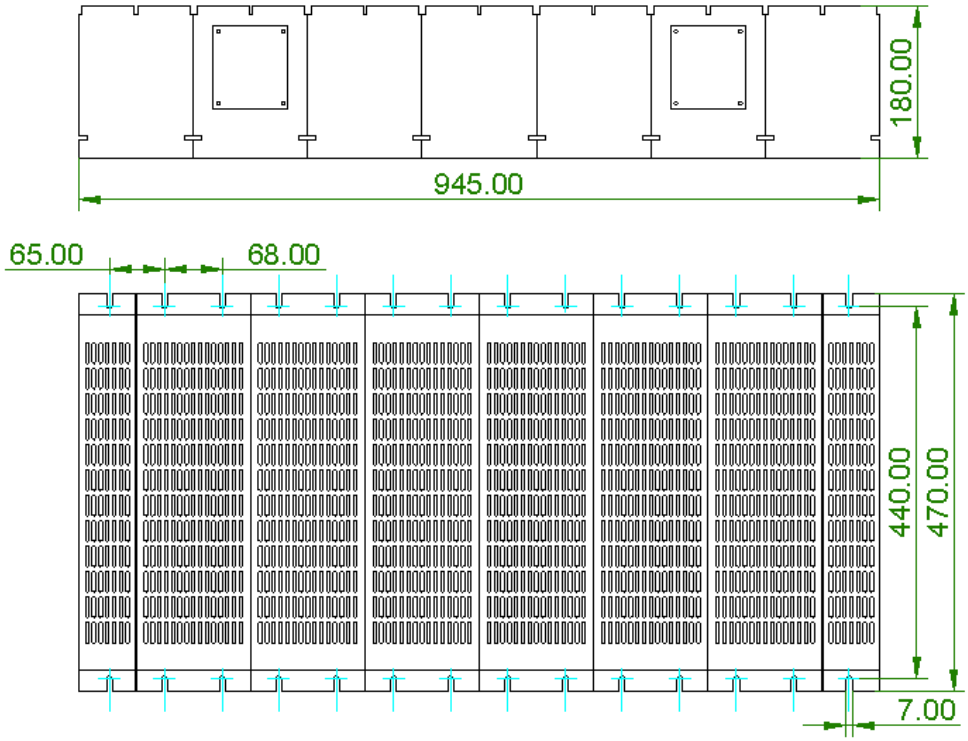


Fig. IP.10

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Cost Effective Products

SEMICODE ELECTRONICA

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Advance Information: The product design is complete and final characterisation for volume production is well in hand.
No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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