



Semiconductor Heater HG140 12-30 V AC/DC, 45 W

Model	
product brand name	SIVACON
product designation	heater unit
design of the product	Without thermostat
General technical data	
operating temperature	
• minimum	-45 °C
• maximum	70 °C
Voltage	
type of voltage of the operating voltage	AC/DC
continuous heating power at 20 °C	45 W
inrush current typical	3.5 A
operating voltage	
• at AC at 50 Hz rated value minimum	12 V
• at AC at 50 Hz rated value maximum	30 V
• at AC at 60 Hz rated value minimum	12 V
• at AC at 60 Hz rated value maximum	30 V
• at DC rated value minimum	12 V
• at DC rated value maximum	30 V
Protection class	
protection class IP	IP20
Main circuit	
operational current of the slow-blow fuse link	2.5 A
Product details	
product component	
• blower	No
• thermostat	No
Connections	
type of connection technology	5 x clamping terminals for stranded wire 0.5 - 1.5 mm <sup>2</sup> and solid wire 0.5 - 2.5 mm
Mechanical Design	
height	105 mm
width	70 mm
depth	60 mm
fastening method	Clip for 35 mm DIN rail
mounting position	air flow direction vertical
net weight	0.3 kg
material of the enclosure	aluminum
Environmental conditions	
relative humidity reference value	90 %

**ambient temperature during storage**

- minimum
- maximum

-45 °C  
70 °C

**Approvals Certificates**

General Product Approval

other

Environment

[Confirmation](#)[Environmental Con-  
firmations](#)**Further information****Information on the packaging**<https://support.industry.siemens.com/cs/ww/en/view/109813875>**Information- and Downloadcenter (Catalogs, Brochures,...)**<http://www.siemens.com/lowvoltage/catalogs>**Industry Mall (Online ordering system)**<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8MR2130-4BA>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<https://support.industry.siemens.com/cs/ww/en/ps/8MR2130-4BA>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8MR2130-4BA](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2130-4BA)**CAX-Online-Generator**<http://www.siemens.com/cax>**Tender specifications**<http://www.siemens.com/specifications>

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