

Semiconductor heater, small, HGK 047 110-250 V, 30 W



Model	
product brand name	SIVACON
product designation	heater unit
design of the product	Small semiconductor
General technical data	
consumed active power rated value	30 W
operating temperature	
• minimum	-45 °C
• maximum	70 °C
Voltage	
type of voltage of the operating voltage	AC/DC
continuous heating power at 20 °C	30 W
inrush current typical	3 A
operating voltage	
• rated value minimum	250 V
• rated value maximum	250 V
• at AC at 50 Hz rated value minimum	110 V
• at AC at 50 Hz rated value maximum	250 V
• at AC at 60 Hz rated value minimum	110 V
• at AC at 60 Hz rated value maximum	250 V
• at DC rated value minimum	110 V
• at DC rated value maximum	250 V
Protection class	
protection class IP	IP44
Main circuit	
operational current of the slow-blow fuse link	2 A
Product details	
product component	
• blower	No
• thermostat	No
Connections	
type of connection technology	3 x 0.5 mm <sup>2</sup> x 300 mm line (silicon)
Mechanical Design	
height	70 mm
width	50 mm
depth	25 mm
fastening method	Clip for 35 mm DIN rail
mounting position	air flow direction vertical (air exits on top/connection at bottom)
net weight	0.2 kg
Environmental conditions	

relative humidity reference value	90 %
ambient temperature during storage	
• minimum	-45 °C
• maximum	70 °C

#### Certificates

reference code according to EN 61346-2

R

General Product Approval

Declaration of  
Conformity

other

[Confirmation](#)



[Confirmation](#)

[Miscellaneous](#)

#### Further information

**Siemens has decided to exit the Russian market (see here).**

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

**Siemens is working on the renewal of the current EAC certificates.**

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**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=8MR2110-3B>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2110-3B>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8MR2110-3B](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2110-3B)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>

last modified:

7/29/2022

