



Mechanical thermostat Changeover contact -20 to 30 °C FZK011

Model	
product brand name	SIVACON
product designation	thermostat
design of the product	Mechanical
type of sensor	Thermal bimetal
design of the switching function	CO contact
design of the switching contact	Changeover contact with snap-action contact
General technical data	
mechanical service life (operating cycles) typical	100 000
mounting type	clip for 35 mm DIN rail
Voltage	
type of voltage of the operating voltage	AC
inrush current typical	6 A
operating voltage at AC rated value	230 V
Protection class	
protection class IP	IP20
Main circuit	
operational current rated value	10 A
Adjustable parameters	
adjustable temperature	
• initial value	-20 °C
• full-scale value	35 °C
Product details	
product component	
• digital display	No
• hygrostat	No
Connections	
type of connection technology	4-pole terminal
Mechanical Design	
height	67 mm
width	50 mm
depth	38 mm
fastening method	terminal mounting
mounting position	any
Net Weight	76 g
material of the enclosure	plastic
Environmental conditions	
relative humidity reference value	90 %

ambient temperature during operation	
• minimum	-45 °C
• maximum	65 °C
ambient temperature during storage	
• minimum	-45 °C
• maximum	65 °C

Approvals Certificates

Environment	General Product Approval	other
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[Environmental Confirmations](#)



EG-Konf.



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[Confirmation](#)

other



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8MR2170-1B>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2170-1B>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-1B

CAX-Online-Generator

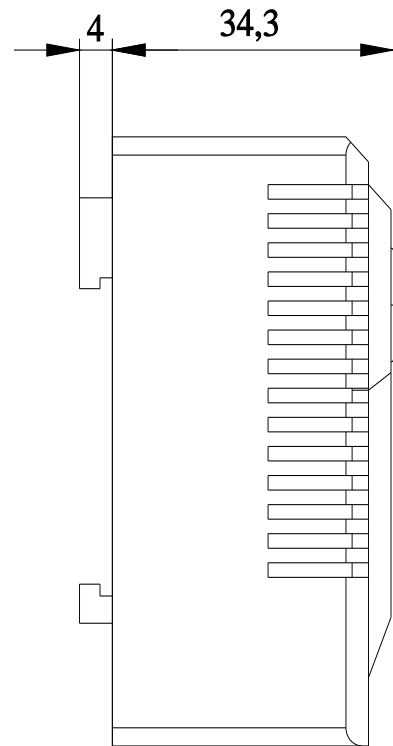
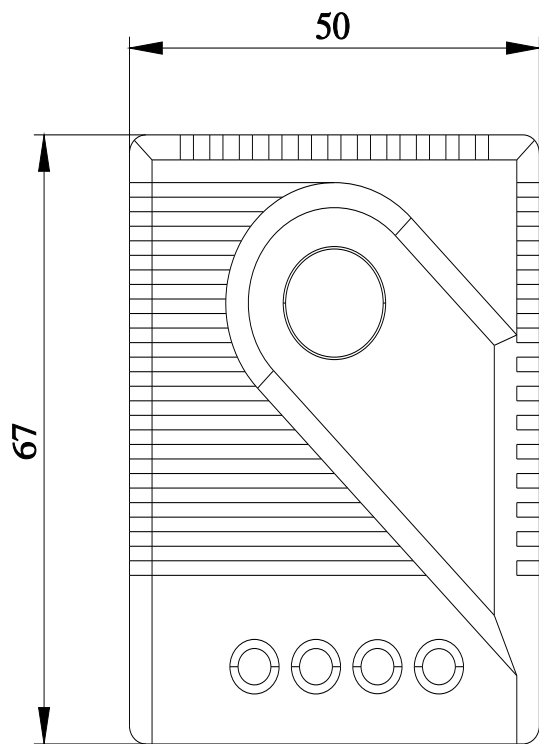
<https://www.siemens.com/cax>

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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