



electronic Thermostat ETR011 230 V AC -20 to +60 °C CO contacts (inverted)

Model	
product brand name	SIVACON
product designation	thermostat
design of the product	Electronic
type of sensor	NTC
design of the switching function	CO contact
design of the switching contact	Changeover contact negated (relay)
General technical data	
mechanical service life (operating cycles) typical	50 000
mounting type	clip for 35 mm DIN rail
Voltage	
type of voltage of the operating voltage	AC
inrush current typical	8 A
operating voltage at AC rated value	230 V
Protection class	
protection class IP	IP20
Main circuit	
operational current rated value	8 A
Adjustable parameters	
adjustable temperature	
• initial value	-20 °C
• full-scale value	60 °C
Product details	
product component	
• digital display	No
• hygrostat	No
Connections	
type of connection technology	5-pole terminal
Mechanical Design	
height	64.5 mm
width	42 mm
depth	38 mm
fastening method	terminal mounting
mounting position	Vertical
net weight	0.07 kg
material of the enclosure	plastic
Environmental conditions	
relative humidity reference value	90 %
ambient temperature during operation	
• minimum	-45 °C

• maximum	86 °C
ambient temperature during storage	
• minimum	-45 °C
• maximum	86 °C

Approvals Certificates

General Product Approval	other	Environment
--------------------------	-------	-------------



[Confirmation](#)

[Environmental Confirmations](#)

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=8MR2170-1GC>

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

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

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

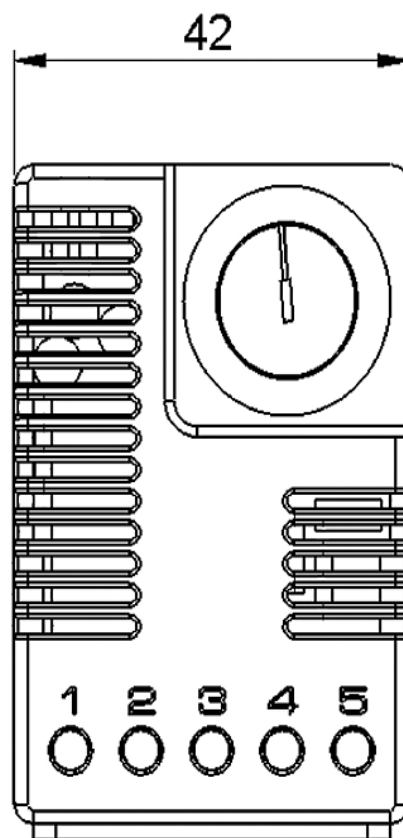
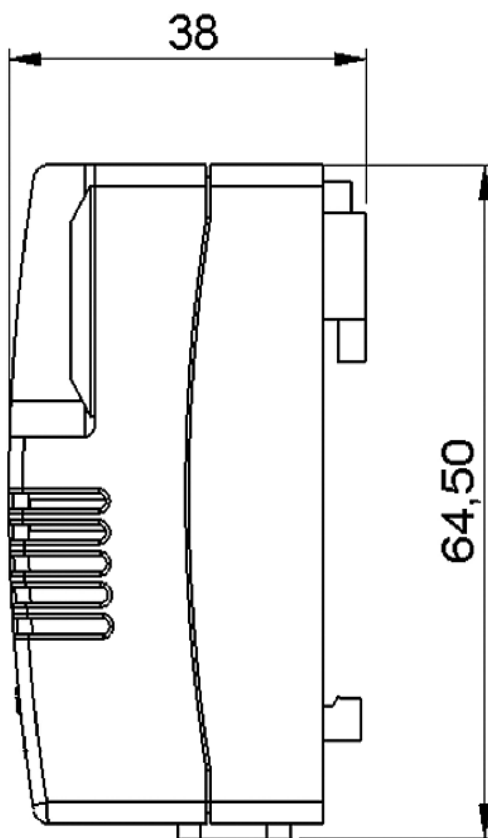
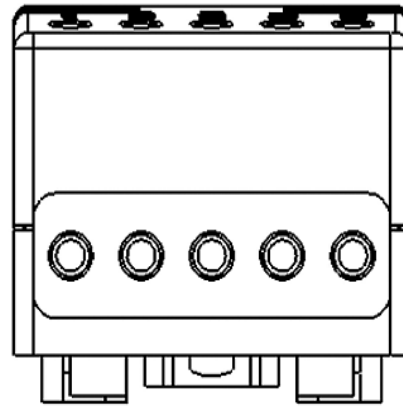
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-1GC

CAX-Online-Generator

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

Tender specifications

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



last modified:

5/24/2025 

