



small compact thermostat NO (cooling) +20 bis +80 °C

Model	
type of sensor	Thermal bimetal
design of the switching function	NO contact
design of the switching contact	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	16 A
operating voltage at AC rated value	250 V
Protection class	
protection class IP	IP20
Main circuit	
operational current rated value	3 A
Adjustable parameters	
adjustable temperature	
• initial value	20 °C
• full-scale value	80 °C
Product details	
product component	
• digital display	No
• hygrostat	No
Connections	
type of connection technology	2-pole terminal 2.5 mm2
Mechanical Design	
height	41 mm
width	60 mm
depth	33 mm
fastening method	terminal mounting
mounting position	any
net weight	0.04 kg
material of the enclosure	plastic
Environmental conditions	
relative humidity reference value	90 %
ambient temperature during operation	
• minimum	-45 °C
• maximum	80 °C
ambient temperature during storage	
• minimum	-45 °C

• maximum

80 °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=8MR2170-2KC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2170-2KC>

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

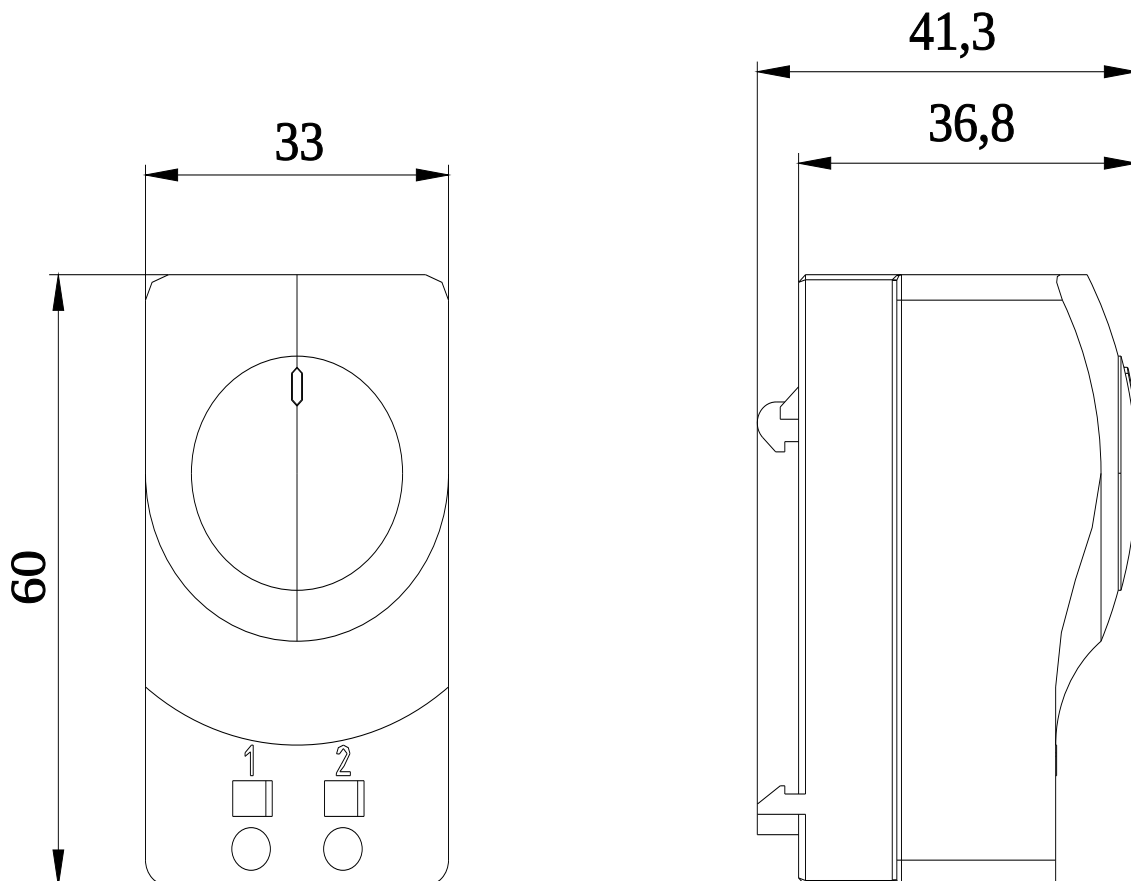
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-2KC

CAX-Online-Generator

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

Tender specifications

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



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