# SIEMENS

**Data sheet**                                                                      **8MR2170-1E**

Twin thermostat 0 to 60 °C

| Model | |
|---|---|
| product brand name | SIVACON |
| product designation | twin thermostat |
| design of the product | NC contact and NO contact |
| type of sensor | Thermal bimetal |
| design of the switching function | NC contact and 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 | 10 A |
| operating voltage at AC rated value | 250 V |
| **Protection class** | |
| protection class IP | IP20 |
| **Product details** | |
| product component | |
| ● digital display | No |
| ● hygrostat | No |
| **Connections** | |
| type of connection technology | 4-pole terminal, solid wire line 2.5 mm2, stranded wire line with end sleeve 1.5 mm2 |
| **Mechanical Design** | |
| height | 67 mm |
| width | 50 mm |
| depth | 46 mm |
| fastening method | terminal mounting |
| mounting position | any |
| net weight | 0.09 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 |
| **Certificates** | |

| reference code according to EN 61346-2 | K | |
|---|---|---|
| **General Product Approval** | | **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=8MR2170-1E
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/8MR2170-1E
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-1E
**CAx-Online-Generator**
http://www.siemens.com/cax
**Tender specifications**
http://www.siemens.com/specifications

**last modified:** 7/29/2022

4/9/2023

4/9/2023