



Small thermostats KTO 011 Normally-closed contact 0...+ 60 °C, UL approval

| Model                                              |                         |
|----------------------------------------------------|-------------------------|
| product brand name                                 | SIVACON                 |
| product designation                                | Small thermostat (NC)   |
| design of the product                              | With NC contact         |
| type of sensor                                     | Thermal bimetal         |
| design of the switching function                   | NC 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                    |
| Main circuit                                       |                         |
| operational current rated value                    | 10 A                    |
| Adjustable parameters                              |                         |
| adjustable temperature                             |                         |
| • initial value                                    | 0 °C                    |
| • full-scale value                                 | 60 °C                   |
| Product details                                    |                         |
| product component                                  |                         |
| • digital display                                  | No                      |
| • hygrostat                                        | No                      |
| Connections                                        |                         |
| type of connection technology                      | 2-pole terminal         |
| Mechanical Design                                  |                         |
| height                                             | 60 mm                   |
| width                                              | 33 mm                   |
| depth                                              | 43 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  |

#### Environmental footprint

|                                                        |          |
|--------------------------------------------------------|----------|
| Environmental Product Declaration (EPD)                | Yes      |
| Global Warming Potential [CO2 eq] total                | 1.12 kg  |
| Global Warming Potential [CO2 eq] during manufacturing | 0.184 kg |
| Global Warming Potential [CO2 eq] during operation     | 0.924 kg |
| global warming potential [CO2 eq] after end of life    | 0.015 kg |

#### Approvals Certificates

|                          |                           |       |
|--------------------------|---------------------------|-------|
| General Product Approval | Declaration of Conformity | other |
|--------------------------|---------------------------|-------|

[Confirmation](#)



[Confirmation](#)

|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|

[Miscellaneous](#)

[Environmental Confirmations](#)

#### 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=8MR2170-2BA>

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

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

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8MR2170-2BA](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-2BA)

CAX-Online-Generator

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

Tender specifications

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

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