



FIX thermostat NO contact +35 °C/+ 95 °F

| Model                                              |                         |             |
|----------------------------------------------------|-------------------------|-------------|
| product brand name                                 | SIVACON                 |             |
| product designation                                | Tamper-proof thermostat |             |
| design of the product                              | NO contact              |             |
| type of sensor                                     | Thermal bimetal         |             |
| design of the switching function                   | NO contact              |             |
| design of the switching contact                    | Snap-action contact     |             |
| General technical data                             |                         |             |
| switch-off temperature                             | 25 °C                   |             |
| 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                | 240 V                   |             |
| Protection class                                   |                         |             |
| protection class IP                                | IP20                    |             |
| Main circuit                                       |                         |             |
| operational current rated value                    | 10 A                    |             |
| Connections                                        |                         |             |
| type of connection technology                      | 2-pole terminal 2.5 mm2 |             |
| Mechanical Design                                  |                         |             |
| height                                             | 47 mm                   |             |
| width                                              | 33 mm                   |             |
| depth                                              | 33 mm                   |             |
| mounting position                                  | any                     |             |
| net weight                                         | 0.03 kg                 |             |
| material of the enclosure                          | plastic                 |             |
| Environmental conditions                           |                         |             |
| relative humidity reference value                  | 90 %                    |             |
| ambient temperature during operation               |                         |             |
| • minimum                                          | -40 °C                  |             |
| • maximum                                          | 80 °C                   |             |
| ambient temperature during storage                 |                         |             |
| • minimum                                          | -45 °C                  |             |
| • maximum                                          | 80 °C                   |             |
| Approvals Certificates                             |                         |             |
| General Product Approval                           | other                   | Environment |



[Confirmation](#)

[Environmental Con-  
firmations](#)

#### 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=8MR2171-3BB>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2171-3BB>

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

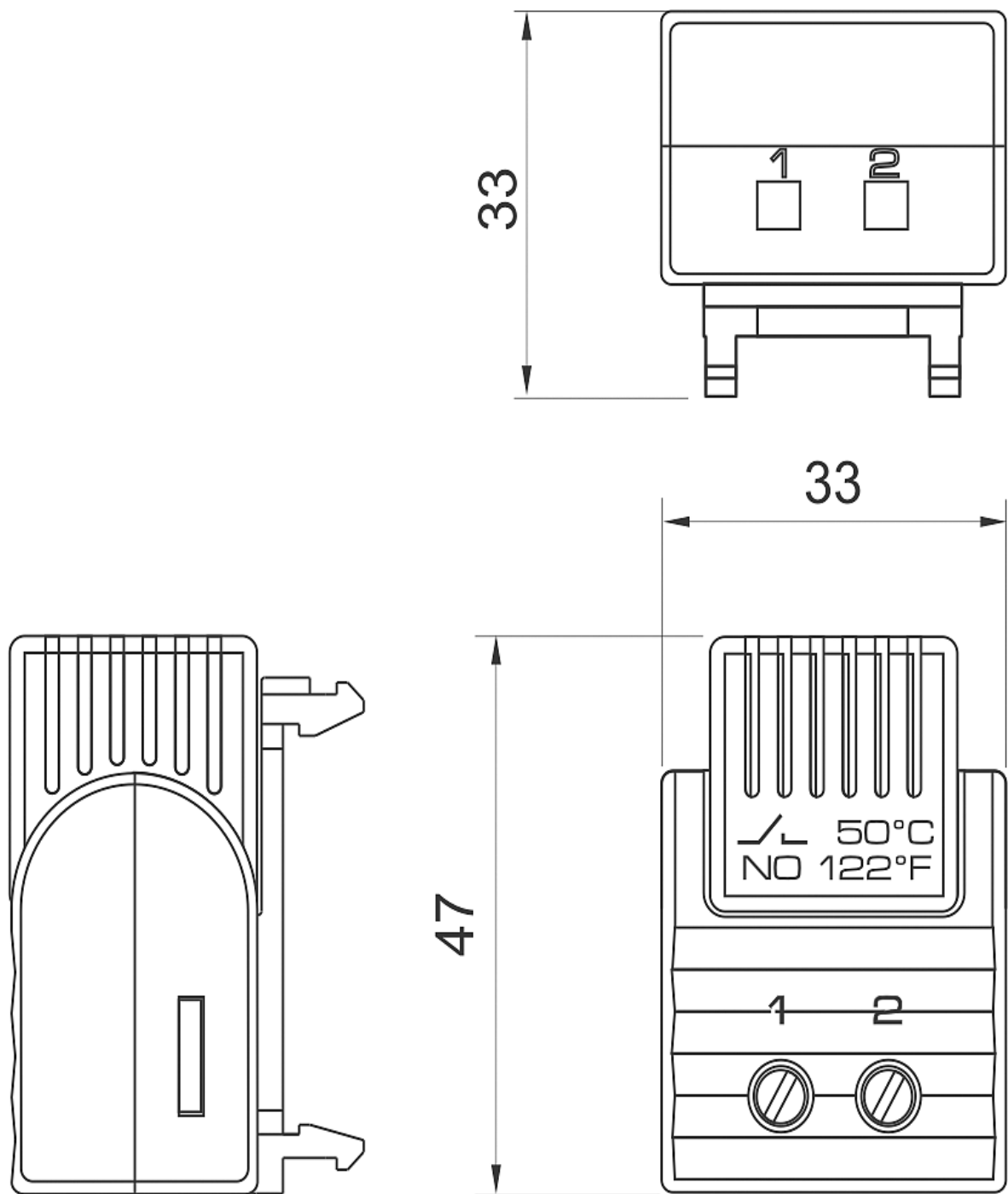
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8MR2171-3BB](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2171-3BB)

CAX-Online-Generator

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

Tender specifications

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



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