



120V AC, 32-140DEGR.F, 50-90%RF ETF012,  
01230.9-00,

Model		
product brand name		SIVACON
Design of the switching function		CO contact
General technical data		
Mechanical service life (switching cycles) / typical		50 000
Switching differential relative humidity / at $\pm 3\%$ tolerance / at 25 °C	%	90
Electricity		
Current / Rated value	A	6
Main circuit		
Operating voltage / Rated value		
• minimum	V	120
• maximum	V	120
Adjustable parameters		
Adjustable response value relative humidity / initial value	%	50
Adjustable response value relative humidity / Full-scale value	%	90
Product details		
Product component / digital display		No
Connections		
Connectable conductor cross-section		
• for rigid conductor / maximum	mm <sup>2</sup>	2.5

<ul style="list-style-type: none"> <li>finely stranded / with core end processing / maximum</li> </ul>	mm <sup>2</sup>	1.5
Tightening torque / with screw-type terminals / maximum	N·m	0.5

### Mechanical Design

Height	mm	77
Width	mm	60
Depth	mm	43
Mounting type		terminal mounting

### Environmental conditions

Relative humidity / Reference value	%	90
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>during operation / minimum</li> </ul>	°C	0
<ul style="list-style-type: none"> <li>during operation / maximum</li> </ul>	°C	60
<ul style="list-style-type: none"> <li>during storage / minimum</li> </ul>	°C	-20
<ul style="list-style-type: none"> <li>during storage / maximum</li> </ul>	°C	60

### Certificates

<b>Equipment marking</b>		
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>		K
<ul style="list-style-type: none"> <li>acc. to DIN EN 81346-2</li> </ul>		K

### General Product Approval



### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/8MR21704F>

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

<http://support.automation.siemens.com/WW/view/en/8MR21704F/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=8MR21704F](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR21704F)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>

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11.03.2015