



Electronic hygrotherm ETF 012 100-240 V AC, 0-+ 60 °C, 50-90% RF

Model	
product brand name	SIVACON
product designation	Electronic Hygrotherm new generation
design of the switching function	CO contact
General technical data	
mechanical service life (switching cycles) / typical	50 000
mounting type	Clip for 35 mm rail
switching differential relative humidity / at $\pm 3\%$ tolerance / at 25 °C	90 %
type of voltage / of the operating voltage	AC
Protection class	
protection class IP	IP 20
Current	
current / rated value	6 A
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	2.5 mm <sup>2</sup>
connectable conductor cross-section / finely stranded / with core end processing / maximum	2.5 mm <sup>2</sup>
tightening torque / with screw-type terminals / maximum	0.5 N·m
Mechanical Design	
height	77 mm
width	60 mm
depth	43 mm
fastening method	terminal mounting
mounting position	Vertical
net weight	0.2 kg
Environmental conditions	
relative humidity / reference value	90 %
ambient temperature / during operation	
• minimum	0 °C
• maximum	60 °C

ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-20 °C</p> <p>60 °C</p>
<b>Certificates</b>	
reference code	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to IEC 81346-2</li> </ul>	<p>K</p> <p>K</p>
<b>General Product Approval</b>	<b>Declaration of Conformity</b>



#### Further information

**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?mfb=8MR2170-4E>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2170-4E>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=8MR2170-4E](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=8MR2170-4E)

**Tender specifications**

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

