



WEEKLY TIME SWITCH TOP DIGITAL 230V 16A  
1CHANNEL 2MW

Model		
product brand name		SENTRON
Product designation		Time-delay switch
Design of the product		Digital time switch Top
Design of the switching function		CO contact
General technical data		
<b>Manner of function</b>		
• radio-controlled		No
• line-synchronous		Yes
• quartz-controlled		No
Accuracy / per day	s	1
Shortest switching time interval / of channel 1	s	1
Voltage		
Overvoltage category / acc. to IEC 61010-1		III
Supply voltage		
Supply voltage / initial value	V	230
Supply voltage / Full-scale value	V	230
<b>Supply voltage frequency</b>		
• minimum	Hz	50
• maximum	Hz	60
Type of voltage / of the supply voltage		AC
Protection class		
Protection class IP		IP20

Switching capacity		
Switching capacity current / with AC / at 250 V / Rated value	A	16
Dissipation		
<b>Active power loss</b>		
<ul style="list-style-type: none"> <li>for rated value of the current / with AC / in hot operating state / per pole</li> </ul>	W	1
Product details		
<b>Product feature</b>		
<ul style="list-style-type: none"> <li>external switch input</li> </ul>		No
<ul style="list-style-type: none"> <li>floating switching contact</li> </ul>		Yes
Product function		
<b>Product function</b>		
<ul style="list-style-type: none"> <li>60 min time program</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Astro program</li> </ul>		No
<ul style="list-style-type: none"> <li>Automatic daylight-saving adjustment</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Operating hours counter</li> </ul>		No
<ul style="list-style-type: none"> <li>direct operation</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Holiday time program</li> </ul>		No
<ul style="list-style-type: none"> <li>Impulse program</li> </ul>		Yes
<ul style="list-style-type: none"> <li>annual time program</li> </ul>		No
<ul style="list-style-type: none"> <li>Switching preselection</li> </ul>		Yes
<ul style="list-style-type: none"> <li>24-hour time program</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Text guidance in display</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Weekly time program</li> </ul>		Yes
<ul style="list-style-type: none"> <li>Random time program</li> </ul>		No
<ul style="list-style-type: none"> <li>Cyclical time program</li> </ul>		No
Number		
<b>Number of terminals / with cross-head screw</b>		1
<b>Number of channels</b>		1
<b>Number of memory slots</b>		28
<b>Connectable conductor cross-section / in main circuit</b>		
<ul style="list-style-type: none"> <li>for rigid conductor / minimum</li> </ul>	mm <sup>2</sup>	1.5
<ul style="list-style-type: none"> <li>for rigid conductor / maximum</li> </ul>	mm <sup>2</sup>	4
<ul style="list-style-type: none"> <li>for flexible conductor / with core end processing / maximum</li> </ul>	mm <sup>2</sup>	2.5
Mechanical Design		
<b>Height</b>	mm	83
<b>Width</b>	mm	36
<b>Depth</b>	mm	70

Number of width units		2
Mounting type		DIN rail
Net weight	g	157

#### Environmental conditions

Ambient temperature / minimum permissible	°C	-20
<b>Ambient temperature</b>		
• maximum permissible	°C	55
• during storage / minimum	°C	-20
• during storage / maximum	°C	60

#### Certificates

<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		K
• acc. to DIN EN 81346-2		K

#### General Product Approval

#### Declaration of Conformity



#### 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/7LF45110>

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

<http://support.automation.siemens.com/WW/view/en/7LF45110/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=7LF45110](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=7LF45110)

##### CAX-Online-Generator

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

##### Tender specifications

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

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