

DIGITAL TIME SWITCH EXPERT 4-CHANNEL YEAR  
24 V 6MW



Model		
product brandname		SETRON
Product designation		Time-delay switch
Design of the product		Digital time switch Expert
Design of the switching function		CO contact

General technical data		
Manner of function		
• radio-controlled		No
• line-synchronous		No
• quartz-controlled		No
Accuracy / per day	s	0.2
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
Supply voltage frequency		

<ul style="list-style-type: none"> <li>• minimum</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	Hz	60
Type of voltage / of the supply voltage		AC
<b>Protection class</b>		
<b>Protection class IP</b>		IP20
<b>Switching capacity</b>		
Switching capacity current / at AC / at 250 V / Rated value	A	16
<b>Dissipation</b>		
<b>Power loss [W]</b>		
<ul style="list-style-type: none"> <li>• for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	W	4
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	W	4
<b>Product details</b>		
<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
<b>Product function</b>		
<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>		Yes
<ul style="list-style-type: none"> <li>• Automatic daylight-saving adjustment</li> </ul>		No
<ul style="list-style-type: none"> <li>• Operating hours counter</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• direct operation</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• Holiday time program</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• Impulse program</li> </ul>		No
<ul style="list-style-type: none"> <li>• annual time program</li> </ul>		Yes
<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
<b>Number</b>		
<b>Number of terminals / with cross-head screw</b>		1
<b>Number of channels</b>		4
<b>Number of memory slots</b>		336
<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

- for flexible conductor / with core end processing / maximum

mm<sup>2</sup> 2.5

### Mechanical Design

Height	mm	83
Width	mm	108
Depth	mm	64
Number of width units		2
Mounting type		DIN rail

### 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

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>other</b>
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[Umweltbestätigung](#)

[sonstig](#)

### 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/7LF4444-2>

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

<http://support.automation.siemens.com/WW/view/en/7LF4444-2/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7LF4444-2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4444-2)

**CAX-Online-Generator**

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

**Tender specifications**

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

