

yearly time switch expert digital 230V 16A 1channel 2MW GPS



Figure similar

Model	
Product brand name	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	
<ul style="list-style-type: none"> <li>• radio-controlled</li> </ul>	No
<ul style="list-style-type: none"> <li>• line-synchronous</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• quartz-controlled</li> </ul>	No
Accuracy / per day	0.1 s
Shortest switching time interval / of channel 1	1 s
Voltage	
Control voltage / at AC / rated value	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	195.5 V
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	253 V

Overvoltage category / acc. to IEC 61010-1	III
<b>Supply voltage</b>	
Supply voltage frequency	
• minimum	50 Hz
• maximum	60 Hz
Type of voltage / of the supply voltage	AC
<b>Protection class</b>	
Protection class IP	IP20
<b>Switching capacity</b>	
Switching capacity current / at AC / at 250 V / Rated value	16 A
<b>Dissipation</b>	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1 W
Operating voltage / at AC / rated value	250 V
<b>Product details</b>	
Product feature	
• external switch input	No
• floating switching contact	Yes
<b>Product function</b>	
Product function	
• 60 min time program	Yes
• Astro program	Yes
• Automatic daylight-saving adjustment	Yes
• Operating hours counter	No
• direct operation	Yes
• Holiday time program	Yes
• Impulse program	Yes
• annual time program	Yes
• Switching preselection	Yes
• 24-hour time program	Yes
• Text guidance in display	Yes
• Weekly time program	Yes
• Random time program	No
• Cyclical time program	Yes
<b>Number</b>	
Number of terminals / with cross-head screw	1
Number of channels	1
Number of memory slots	28
<b>Connectable conductor cross-section / in main circuit</b>	

- for rigid conductor / minimum 1.5 mm<sup>2</sup>
- for rigid conductor / maximum 4 mm<sup>2</sup>
- for flexible conductor / with core end processing / maximum 2.5 mm<sup>2</sup>

### Mechanical Design

Height	83 mm
Width	36 mm
Depth	70 mm
Number of width units	2
Mounting type	DIN rail
Net weight	460 g

### Environmental conditions

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

### Certificates

Reference code	
• acc. to DIN EN 61346-2	K
• acc. to DIN EN 81346-2	K

#### General Product Approval

#### Declaration of Conformity



UR



EG-Konf.

### 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?mlfb=7LF4541-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4541-0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7LF4541-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4541-0)

#### CAX-Online-Generator

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

#### Tender specifications

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