

yearly time switch expert digital 230V 16A 2channel 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"> • radio-controlled 	No
<ul style="list-style-type: none"> • line-synchronous 	Yes
<ul style="list-style-type: none"> • quartz-controlled 	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"> • minimum 	195.5 V
<ul style="list-style-type: none"> • maximum 	253 V

Overvoltage category / acc. to IEC 61010-1	III
Supply voltage	
Supply voltage frequency	
• minimum	50 Hz
• maximum	60 Hz
Type of voltage / of the supply voltage	AC
Protection class	
Protection class IP	IP20
Switching capacity	
Switching capacity current / at AC / at 250 V / Rated value	16 A
Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.5 W
Operating voltage / at AC / rated value	250 V
Product details	
Product feature	
• external switch input	No
• floating switching contact	Yes
Product function	
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
Number	
Number of terminals / with cross-head screw	1
Number of channels	2
Number of memory slots	28
Connectable conductor cross-section / in main circuit	

- | | |
|---|---------------------|
| • for rigid conductor / minimum | 1.5 mm ² |
| • for rigid conductor / maximum | 4 mm ² |
| • for flexible conductor / with core end processing / maximum | 2.5 mm ² |

Mechanical Design

Height	83 mm
Width	36 mm
Depth	70 mm
Number of width units	2
Mounting type	DIN rail
Net weight	450 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



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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=7LF4542-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4542-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4542-0

CAX-Online-Generator

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

Tender specifications

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