

weekly time switch Profi digital 24 V 16A 1-channel 2MW



Model	
Product brand name	SETRON
Product designation	Time-delay switch
Design of the product	Digital time switch Profi
Design of the switching function	CO contact
General technical data	
Manner of function	
• radio-controlled	No
• line-synchronous	Yes
• 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	
• minimum	21.6 V
• maximum	26.4 V
Control voltage / at DC / rated value	
• minimum	21.6 V

<ul style="list-style-type: none"> • maximum 	26.4 V
Overvoltage category / acc. to IEC 61010-1	III
Supply voltage	
Supply voltage frequency	
<ul style="list-style-type: none"> • minimum 	0/50 Hz
<ul style="list-style-type: none"> • maximum 	60 Hz
Type of voltage / of the supply voltage	AC/DC
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 W
Operating voltage / at AC / rated value	250 V
Product details	
Product feature	
<ul style="list-style-type: none"> • external switch input 	No
<ul style="list-style-type: none"> • floating switching contact 	Yes
Product function	
Product function	
<ul style="list-style-type: none"> • 60 min time program 	Yes
<ul style="list-style-type: none"> • Astro program 	No
<ul style="list-style-type: none"> • Automatic daylight-saving adjustment 	Yes
<ul style="list-style-type: none"> • Operating hours counter 	Yes
<ul style="list-style-type: none"> • direct operation 	Yes
<ul style="list-style-type: none"> • Holiday time program 	Yes
<ul style="list-style-type: none"> • Impulse program 	Yes
<ul style="list-style-type: none"> • annual time program 	No
<ul style="list-style-type: none"> • Switching preselection 	Yes
<ul style="list-style-type: none"> • 24-hour time program 	Yes
<ul style="list-style-type: none"> • Text guidance in display 	Yes
<ul style="list-style-type: none"> • Weekly time program 	Yes
<ul style="list-style-type: none"> • Random time program 	Yes
<ul style="list-style-type: none"> • Cyclical time program 	Yes
Number	
Number of terminals / with cross-head screw	1
Number of channels	1
Number of memory slots	56

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	189 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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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=7LF4521-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4521-2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4521-2

CAX-Online-Generator

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

Tender specifications

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