



weekly time switch mini digital 230 V AC, 1 channel, 1 MW

Model	
product brand name	SETRON
product designation	Digital time switch
design of the product	Mini
design of the switching function	NO contact
General technical data	
principle of operation	
• radio-controlled	No
• line-synchronous	No
• quartz-controlled	No
accuracy per day	1 s
shortest switching time interval of channel 1	60 s
Voltage	
control voltage at AC rated value	
• minimum	250 V
• maximum	250 V
overvoltage category according to IEC 61010-1	III
Supply voltage	
operating voltage at AC rated value	250 V
type of voltage of the supply voltage	AC
supply voltage frequency maximum	60 Hz
Protection class	
protection class IP	IP20
Breaking Capacity	
switching capacity current at AC at 250 V rated value	16 A
Product details	
product feature external switch input	No
product feature floating switching contact	Yes
Product function	
product function	
• 60 min time program	Yes
• Astro program	No
• automatic daylight-saving adjustment	Yes
• operating hours counter	No
• direct operation	Yes
• holiday time program	No
• pulse program	No
• annual time program	No
• switching preselection	Yes
• 24 hr time program	Yes

- text guidance in display
- weekly time program
- random time program
- cyclical time program

Yes
Yes
No
No

Number

number of terminals with cross-head screw	1
number of channels	1
number of memory slots	28
connectable conductor cross-section in main circuit for rigid conductor	
• minimum	1.5 mm ²
• maximum	4 mm ²
connectable conductor cross-section in main circuit for flexible conductor with core end processing maximum	2.5 mm ²

Mechanical Design

height	83 mm
width	18 mm
depth	64 mm
number of modular width units	1
fastening method	DIN rail

Environmental conditions

ambient temperature during operation	
• minimum	-20 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-20 °C
• maximum	60 °C

Approvals Certificates

General Product Approval	other
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[Miscellaneous](#)

[Confirmation](#)

Dangerous goods	Environment
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[Dangerous goods in-formation](#)

[Environmental Con-firmations](#)

[Environmental Con-firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=7LF4501-5>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4501-5>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4501-5

CAX-Online-Generator

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

Tender specifications

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

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