



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

Model	
product brand name	SENTRON
product designation	Digital time switch
design of the product	Profi
design of the switching function	CO contact
General technical data	
principle of operation radio-controlled	No
principle of operation line-synchronous	Yes
principle of operation 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	24 V
• maximum	26 V
control voltage at DC rated value	
• minimum	24 V
• maximum	26 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/DC
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
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1 W
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	Yes

• direct operation	Yes
• holiday time program	Yes
• pulse program	Yes
• annual time program	No
• switching preselection	Yes
• 24 hr time program	Yes
• text guidance in display	Yes
• weekly time program	Yes
• random time program	Yes
• 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
• 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	36 mm
depth	70 mm
number of modular width units	2
fastening method	DIN rail
Net Weight	141.5 g

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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other	Dangerous goods	Environment
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[Confirmation](#)

[Dangerous goods information](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

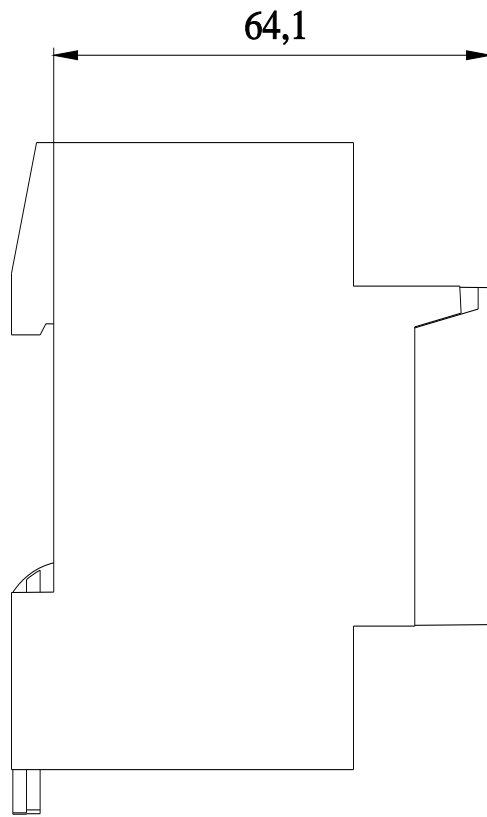
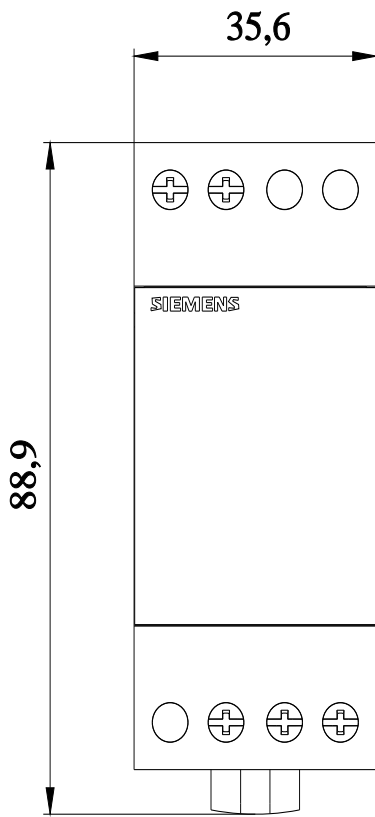
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7LF4521-2>

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, ...)

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



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