SIEMENS

Data sheet 7LF4521-0

weekly time switch Profi digital 230 V 16A 1-channel 2MW



Model	
Product brand name	SENTRON
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	250 V
• maximum	253 V
Overvoltage category / acc. to IEC 61010-1	III

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Supply voltage	
Operating voltage / at AC / rated value	250 V
Type of voltage / of the supply voltage	AC
Supply voltage frequency	
• maximum	60 Hz
• minimum	50 Hz

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

Product details	
Product feature	
• external switch input	No
• 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
• Impulse program	Yes
• annual time program	No
• Switching preselection	Yes
• 24-hour 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

Mechanical Design

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Height	83 mm
Width	36 mm
Depth	70 mm
Number of width units	2
Mounting type	DIN rail
Net weight	195 g

Environmental conditions

Ambient temperature / minimum permissible	-20 °C
Ambient temperature / maximum permissible	55 °C
Ambient temperature / during storage	
• minimum	-20 °C
• 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=7LF4521-0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7LF4521-0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4521-0

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

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