SIEMENS

Data sheet 7LF4501-5



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

Model	
product brand name	SENTRON
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
principle of operation line-synchronous	No
principle of operation 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

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● text guidance in display	Yes
● weekly time program	Yes
● random time program	No
● cyclical time program	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 mm²
● maximum	4 mm²
connectable conductor cross-section in main circuit for flexible conductor with core end processing maximum	2.5 mm²
Mechanical Design	
height	83 mm
width	18 mm
depth	64 mm
number of modular width units	1
fastening method	DIN-rail mounting
Net Weight	94 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

Environment		General Product Approval			
Environmental Confirmations	Environmental Confirmations	VDE	EAC	Confirmation	CE EG-Konf.

General Product Approval	other		Dangerous goods
UKCA	Confirmation	产品合格 QC PASS	Dangerous goods information

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=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, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4501-5
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7LF4501-5

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