SIEMENS

Data sheet 7LF4531-0



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

Model	
product brand name	SENTRON
product designation	Digital time switch
design of the product	Astro
design of the switching function	CO contact
General technical data	
principle of operation	
● 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 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
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 function	
product function	
● 60 min time program	Yes
● Astro program	Yes
● automatic daylight-saving adjustment	Yes
● operating hours counter	Yes
● direct operation	Yes
● holiday time program	Yes
● pulse program	Yes
● annual time program	Yes
● switching preselection	Yes
● 24 hr time program	Yes

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● 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 maximum	4 mm²
● for rigid conductor minimum	1.5 mm²
● for flexible conductor with core end processing maximum	2.5 mm²
Mechanical Design	
height	83 mm
width	36 mm
depth	70 mm
number of modular width units	2
fastening method	DIN rail
net weight	206 g
Environmental conditions	
ambient temperature during operation	
● minimum	-20 °C
● maximum	55 °C
ambient temperature during storage	
● minimum	-20 °C
● maximum	60 °C

General Product Approval | **Declaration of Conformity**

Confirmation







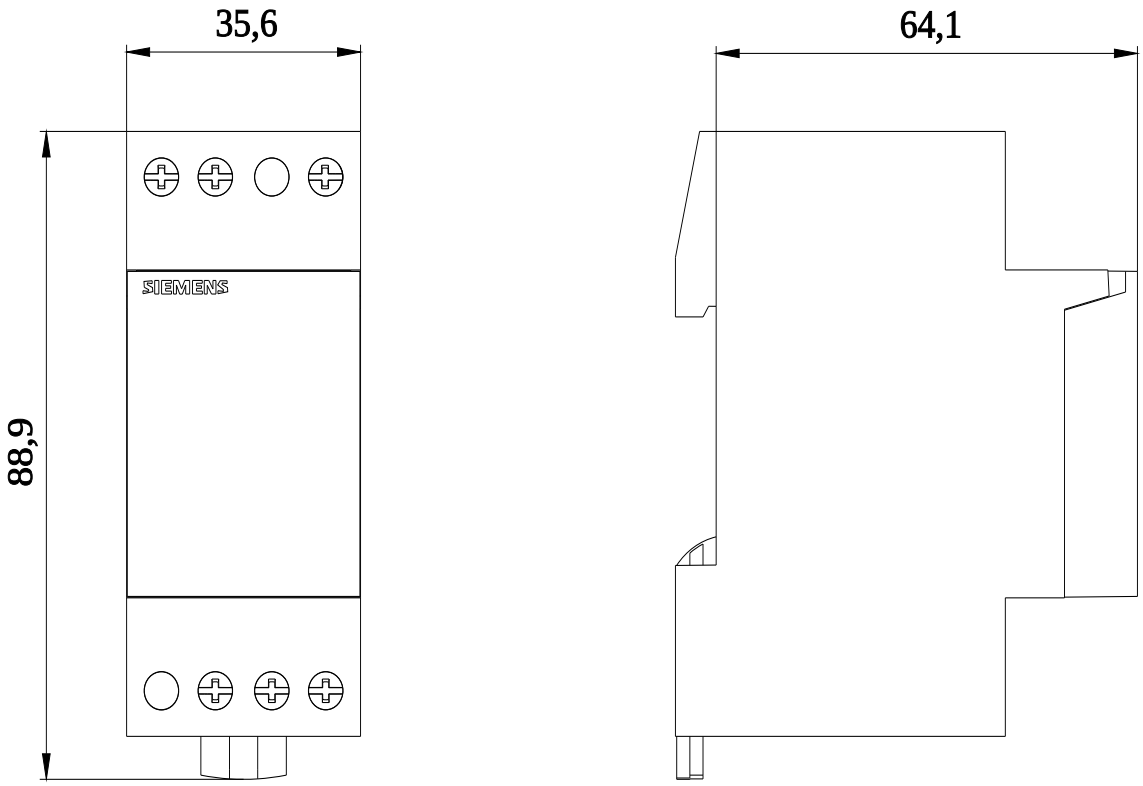



other		Dangerous Good	Environment
Confirmation	Miscellaneous	Dangerous Goods Information	Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
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=7LF4531-0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7LF4531-0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4531-0
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications

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