

WEEKLY TIME SWITCH PROFI DIGITAL 24V 16A
1CHANNEL 2MW



Model		
product brand name		SETRON
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	s	0.1
Shortest switching time interval / of channel 1	s	1

Voltage		
Overvoltage category / acc. to IEC 61010-1		III

Supply voltage		
Supply voltage / initial value	V	24
Supply voltage / Full-scale value	V	24
Supply voltage frequency		

• minimum	Hz	50
• maximum	Hz	60
Type of voltage / of the supply voltage		AC/DC
Protection class		
Protection class IP		IP20
Switching capacity		
Switching capacity current / at AC / at 250 V / Rated value	A	16
Dissipation		
Active power loss		
• for rated value of the current / at AC / in hot operating state / per pole	W	1
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
Connectable conductor cross-section / in main circuit		
• for rigid conductor / minimum	mm ²	1.5
• for rigid conductor / maximum	mm ²	4

- for flexible conductor / with core end processing / maximum

mm²

2.5

Mechanical Design

Height	mm	83
Width	mm	36
Depth	mm	70
Number of width units		2
Mounting type		DIN rail
Net weight	g	189

Environmental conditions

Ambient temperature / minimum permissible	°C	-20
Ambient temperature		
• maximum permissible	°C	55
• during storage / minimum	°C	-20
• during storage / maximum	°C	60

Certificates

Equipment marking		
• acc. to DIN EN 61346-2		K
• acc. to DIN EN 81346-2		K

General Product Approval	Declaration of Conformity	other
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Further information

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

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

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/7LF45212>

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

<http://support.automation.siemens.com/WW/view/en/7LF45212/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF45212

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

last modified:

22.09.2015