

DIGITAL TIME SWITCH EXPERT 4-CHANNEL YEAR
85 V...230 V 6MW



Model		
product brand name		SETRON
Product designation		Time-delay switch
Design of the product		Digital time switch Expert
Design of the switching function		CO contact

General technical data		
Manner of function		
• radio-controlled		No
• line-synchronous		No
• quartz-controlled		No
Accuracy / per day	s	0.2
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	230
Supply voltage / Full-scale value	V	230
Supply voltage frequency		

• minimum	Hz	50
• maximum	Hz	50
Type of voltage / of the supply voltage		AC
Protection class		
Protection class IP		IP20
Switching capacity		
Switching capacity current / at AC / at 250 V / Rated value	A	16
Dissipation		
Power loss [W]		
• for rated value of the current / at AC / in hot operating state / per pole	W	2.5
• maximum	W	2.5
Product details		
Product feature		
• external switch input		No
• floating switching contact		Yes
Product function		
Product function		
• 60 min time program		Yes
• Astro program		Yes
• Automatic daylight-saving adjustment		No
• Operating hours counter		Yes
• direct operation		Yes
• Holiday time program		Yes
• Impulse program		No
• annual time program		Yes
• Switching preselection		Yes
• 24-hour time program		Yes
• 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		4
Number of memory slots		336
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	64
Number of width units		2
Mounting type		DIN rail

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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[sonstig](#)
[Umweltbestätigung](#)

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/7LF4444-0>

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

<http://support.automation.siemens.com/WW/view/en/7LF4444-0/all>

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

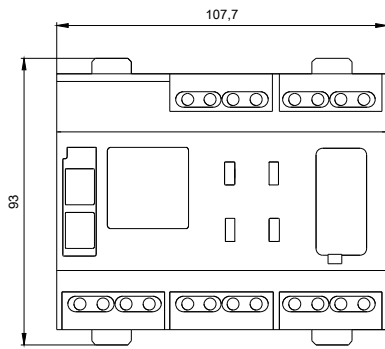
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4444-0

CAX-Online-Generator

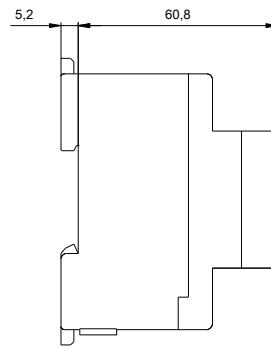
<http://www.siemens.com/cax>

Tender specifications

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



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