

time switch, digital, Expert 4 channels, year, 24V 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 | |
| <ul style="list-style-type: none"> radio-controlled | No |
| <ul style="list-style-type: none"> line-synchronous | No |
| <ul style="list-style-type: none"> quartz-controlled | No |
| Accuracy / per day | 0.2 s |
| Shortest switching time interval / of channel 1 | 1 s |

| Voltage | |
|---|--------|
| Control voltage / at AC / rated value | |
| <ul style="list-style-type: none"> minimum | 21.6 V |
| <ul style="list-style-type: none"> maximum | 26.4 V |
| Control voltage / at DC / rated value | |
| <ul style="list-style-type: none"> minimum | 21.6 V |

| | |
|---|---------|
| <ul style="list-style-type: none"> • maximum | 26.4 V |
| Overvoltage category / acc. to IEC 61010-1 | III |
| Supply voltage | |
| Operating voltage / at AC / rated value | 250 V |
| Type of voltage / of the supply voltage | AC/DC |
| Supply voltage frequency | |
| <ul style="list-style-type: none"> • maximum | 60 Hz |
| <ul style="list-style-type: none"> • minimum | 0/50 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 | 4 W |
| Product details | |
| Product feature | |
| <ul style="list-style-type: none"> • external switch input | No |
| <ul style="list-style-type: none"> • floating switching contact | Yes |
| Product function | |
| Product function | |
| <ul style="list-style-type: none"> • 60 min time program | Yes |
| <ul style="list-style-type: none"> • Astro program | Yes |
| <ul style="list-style-type: none"> • Automatic daylight-saving adjustment | No |
| <ul style="list-style-type: none"> • Operating hours counter | Yes |
| <ul style="list-style-type: none"> • direct operation | Yes |
| <ul style="list-style-type: none"> • Holiday time program | Yes |
| <ul style="list-style-type: none"> • Impulse program | No |
| <ul style="list-style-type: none"> • annual time program | Yes |
| <ul style="list-style-type: none"> • Switching preselection | Yes |
| <ul style="list-style-type: none"> • 24-hour time program | Yes |
| <ul style="list-style-type: none"> • Text guidance in display | Yes |
| <ul style="list-style-type: none"> • Weekly time program | Yes |
| <ul style="list-style-type: none"> • Random time program | No |
| <ul style="list-style-type: none"> • 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 | |
| <ul style="list-style-type: none"> • for rigid conductor / maximum | 4 mm ² |
| <ul style="list-style-type: none"> • for rigid conductor / minimum | 1.5 mm ² |
| <ul style="list-style-type: none"> • for flexible conductor / with core end processing / maximum | 2.5 mm ² |

Mechanical Design

| | |
|-----------------------|----------|
| Height | 83 mm |
| Width | 108 mm |
| Depth | 64 mm |
| Number of width units | 6 |
| Mounting type | DIN rail |

Environmental conditions

| | |
|---|--------|
| Ambient temperature / minimum permissible | -20 °C |
| Ambient temperature / maximum permissible | 55 °C |
| Ambient temperature / during storage | |
| <ul style="list-style-type: none"> • minimum | -20 °C |
| <ul style="list-style-type: none"> • maximum | 60 °C |

Certificates

| | |
|--|---|
| Reference code | |
| <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 | K |
| <ul style="list-style-type: none"> • acc. to DIN EN 81346-2 | K |

| | | |
|---------------------------------|----------------------------------|--------------|
| General Product Approval | Declaration of Conformity | other |
|---------------------------------|----------------------------------|--------------|



[Environmental Confirmations](#)

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=7LF4444-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7LF4444-2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LF4444-2

CAX-Online-Generator

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

Tender specifications

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

