

## Astronomical Timeswitch 2 Channel

## Technical characteristics

| Functions |  |
| :--- | ---: |
| Number of function channels |  |
| Function | Keylock by means of blocking key |
| Configuration |  |
| Number of modules | 2 |
| Controls and indicators | LC display |
| Function of the pushbutton |  |

## Main electrical features

| Frequency | $50 / 60 \mathrm{~Hz}$ |
| :--- | :---: |
| Voltage |  |
| Operating voltage | $230 \mathrm{~V} \sim+/-15 \%$ |
| Electric current | 16 A |
| Acceptable current rating with AC1 | 10 A |
| Max. power with cos phi 0.6 | max .10 A |
| Switching current at cos $\varphi=0.6$ | 64 mm |
| Dimensions | 85 mm |
| Depth of installed product | 35 mm |
| Height of installed product | 3.5 mm |
| Length | 2 modules |

## Frequency

Frequency range $\quad 50 \ldots 60 \mathrm{~Hz}$

## Power

| Max. power with fluo uncompensated lamps | 1000 VA |
| :--- | ---: |
| Power consumed | 6 VA |
| Incandescent bulb power | $0 / 2300 \mathrm{~W}$ |
| Total power loss under IN | 2 W |
| Loss power at full load | $\approx 2 \mathrm{~W}$ |
| Power dissipation per coil | 0.3 W |
| Max. Breaking capacity for parallel <br> compensated fluorescent tubes | 400 W |

## Measurement

Running accuracy $\pm 1.5$ s/day

## Battery

| Power reserve [years] $\quad \approx 5 \mathrm{a}$ |  |
| :--- | ---: |
| Battery / storage battery | with lithium battery type: LS14250 |

## Power supply

Supply voltage $230 \mathrm{~V}+/-15 \%$

## Fluorescent bulbs control

| Fluorescent lamps | max. 1000 VA |
| :--- | ---: |
| Max. power with fluorescent parallel lamps | 400 VA |
| Max. power fluo. duo lamp comp. series | 1000 W |
| Fluorescent lamps parallel compensated | 400 VA |

## Incandescent bulbs control

| Max. power with incandescent lamps | 2300 W |
| :--- | ---: |
| 230 V incandescent lamps and halogen |  |
| lamps |  |
| Installation, mounting 2300 W |  |
| Mounting type | din-Rail |
| Installation mode | for mounting on DIN rail |

## Connection

| Connection cross-sect. flexible conductor | $1,5 / 10 \mathrm{~mm}^{2}$ |
| :--- | ---: |
| Connection cross-sect. rigid cable | $1 / 6 \mathrm{~mm}^{2}$ |
| Conductor cross-section (flexible) | $1 \ldots 6 \mathrm{~mm}^{2}$ |
| Conductor cross-section (rigid) | $1 \ldots 6 \mathrm{~mm}^{2}$ |

Number of contacts 2
Type of contacts 2 changeovers contacts floating

## Settings

| Number of program steps | 56 |
| :--- | ---: |
| Summer / Winter time change | automatic |
| Shortest switching time | 1 mn |
| Programming | Programming possible without mains voltage |
| Astro program |  |
| Time | with automatic summer/winter time change-over |

## Equipment

Number of channels ..... 2
Number of switching times for on/off ..... 56
ON / OFF override ..... 0
Supply failure reserve ..... 5 years
With cyclic program ..... Yes
With holidays program ..... No

| Use | weekly |
| :--- | ---: |
| Cycle |  |
| Safety | IP20 |
| Protection index IP | with programming key |
| Key |  |
| Use conditions | $-10 \ldots .5^{\circ} \mathrm{C}$ |
| Operating temperature | $\pm 1,5 \mathrm{~s} / 24 \mathrm{H}$ |
| Working accuracy | $-20 \ldots . .60^{\circ} \mathrm{C}$ |

