

## Features

- Simple staircase switch used to control lighting in corridors, halls, staircases, common areas.
- Can also be used for delayed fan run-out e.g. in bathrooms, toilets...
- 3 functions:
  - ON (permanently closed) - e.g. when cleaning, moving
  - AUTO - STAIRCASE SWITCH without signalization
  - OFF (permanently open) - e.g. when replacing lights
- Adjustable time range 0.5... 10 minutes
- Timing can be terminated by long pressing the control button (> 2s)
- Possibility to connect control buttons with glow lamps (max. 100mA)
- Potential-free output contact 16A AC1 (4000VA), surge current up to 80A
- Option of 3 or 4 wire

## RS PRO Timer Relays

0360679



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

- Simple staircase switch used to control lighting in corridors, halls, staircases, common areas.
- Can also be used for delayed fan run-out e.g. in bathrooms, toilets...
- 3 functions:
  - ON (permanently closed) - e.g. when cleaning, moving
  - AUTO - STAIRCASE SWITCH without signalization
  - OFF (permanently open) - e.g. when replacing lights
- Adjustable time range 0.5... 10 minutes
- Timing can be terminated by long pressing the control button (> 2s)
- Possibility to connect control buttons with glow lamps (max. 100mA)
- Potential-free output contact 16A AC1 (4000VA), surge current up to 80A
- Option of 3 or 4 wire connection

## Power supply

<b>Number of functions:</b>	3
<b>Supply terminals:</b>	A1 - A2
<b>Supply voltage:</b>	AC 230 V / 50 - 60 Hz
<b>Consumption max.:</b>	3 VA / 1.6 W
<b>Max. dissipated power (Un + terminals):</b>	4 W
<b>Supply voltage tolerance:</b>	-15 %; +10 %
<b>Supply indication:</b>	green LED

## Function

<b>Time ranges:</b>	0.5 - 10 min
<b>Time setting:</b>	potentiometer
<b>Time deviation:</b>	5 % - mechanical setting
<b>Repeat accuracy:</b>	5 % - set value stability
<b>Temperature coefficient:</b>	0.01 % / °C, at = 20 °C (0.01 % / °F, at = 68 °F)

## Output

<b>Changeover contacts:</b>	1x changeover (AgSnO <sub>2</sub> )
<b>Rated current:</b>	16 A / AC1
<b>Switching capacity:</b>	4000 VA / AC1, 384 W / DC
<b>Inrush current:</b>	30 A / <3 s
<b>Switching voltage:</b>	250V AC / 24V DC
<b>Output indication:</b>	red LED
<b>Mechanical life:</b>	10 000 000 operations
<b>Electrical life (AC1):</b>	50 000 operations

## Control

<b>Control voltage:</b>	AC 230 V
<b>Power on input max.:</b>	4.5 VA / 0.3 W
<b>Control. terminals:</b>	A1-S or A2-S
<b>Glow-tubes:</b>	yes
<b>Max. Current of connected glow lamps:</b>	100 mA
<b>Impulse length:</b>	min. 40 ms / max. unlimited
<b>Reset time:</b>	max. 320 ms

## Other information

<b>Operating temperature:</b>	-20 °C to +55 °C (-4 °F to 131 °F)
<b>Storage temperature:</b>	-30 °C to +70 °C (-22 °F to 158 °F)
<b>Electrical strength:</b>	4 kV (supply - output)
<b>Operating position:</b>	any
<b>Mounting:</b>	DIN rail EN 60715
<b>Protection degree:</b>	IP40 from front panel / IP20 terminals
<b>Overvoltage category:</b>	III.
<b>Pollution degree:</b>	2
<b>Max. cable size (mm<sup>2</sup>):</b>	solid wire max. 1x 2.5 or 2x 1.5 / with sleeve max. 1x 2.5 (AWG 12)
<b>Dimensions:</b>	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")
<b>Weight:</b>	56 g (2 oz.)
<b>Standards:</b>	EN 60669-2-3, EN 61010-1

Diagram of the front panel of the device with numbered callouts:

- 1: Left side panel
- 2: Volume knob
- 3: Power button
- 4: Headset jack
- 5: Headset jack cover
- 6: Headset jack cover latch
- 7: Bottom panel

-