

# Metal switch with red backlight, fan, silver, diameter 22mm, IP65, 12V

## Product codes:

Reference: AM9163

EAN13: -

UPC: 85365080



## Product features:

Current: 5 A

Voltage: Max. 250 V

Waterproof grade: IP65

## Product attributes:

## Product description:

The metal panel switch with red LED backlight and fan symbol is designed for controlling electrical circuits in panels, switchboards, control cabinets, and custom electrical installations. The hole-mounting design allows for firm installation into the front panel and clear labeling of the controlled function.

## Technical specifications

- Product type: metal panel switch
- Body color: silver
- Backlight: red LED
- Symbol on the button: fan
- Switch diameter: 22 mm
- Mounting diameter: 19 mm
- Protection: IP65
- Maximum LED backlight voltage: 12 V
- Maximum switching voltage and current: 250 V / 5 A
- Contact type: NO, NC
- Switching: latching
- Dimensions: 2.2 cm x 2.2 cm x 3.9 cm

## Functions and features

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- The switch combines mechanical control of an electrical circuit and visual signaling using a red LED backlight.
- NO and NC contacts allow connection as a making or breaking element according to the requirements of the specific application.
- The latch holds the switch in the selected position after pressing.
- The metal design is suitable for panel mounting into control elements and device covers.
- IP65 protection provides protection against dust and water jets when properly mounted in a suitable panel.
- The fan symbol facilitates the identification of the controlled function on the front panel.

#### **Ideal for**

- Control panels of fans and ventilation systems.
- Switchboards, control cabinets, and technical panels.
- Custom electrical installation projects requiring a panel switch with backlight.
- Applications where differentiation of the controlled function using a fan symbol is required.

#### **Package contents**

- 1x Metal switch with red LED backlight and fan symbol

#### **Why choose this product**

- It contains a backlight that allows visual indication of the status or function according to the wiring.
- It offers NO and NC contacts for wider wiring options in control circuits.
- The panel design with a mounting diameter of 19 mm allows installation into a prepared hole.
- IP65 protection supports use in environments with increased demands on the protection of the control element.
- The fan symbol reduces the risk of confusing the controlled function in the panel.

#### **Installation and operation instructions**

- Before installation, verify the compliance of the LED backlight voltage, switching voltage, current, and contact type with the specific wiring.
  - Install the switch into a panel with a corresponding mounting hole.
  - Wire the NO and NC contacts according to the required function of the controlled circuit.
  - To maintain IP65 protection, the switch must be properly seated and tightened in a panel of suitable construction.
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- Installation into electrical equipment may only be performed by a person with appropriate electrical qualifications.

### Safety warnings

- The product can be used in circuits with a switching voltage of up to 250 V, therefore there is a risk of electric shock in case of improper handling.
- Always disconnect the device from the power supply before assembly, disassembly, or modification of the wiring.
- Do not exceed the maximum switching voltage and current specified in the specifications.
- Do not connect the LED backlight to a higher voltage than specified in the specifications.
- Incorrect wiring can cause a short circuit, overheating, damage to the switch, or damage to the connected device.

### Product gallery:

