

## Features

- Nylon 66 housing to UL94V-2
- Moulded black plastic body
- I/O marking option on actuator
- Secure snap-in panel mounting
- Ergonomically curved actuator

## RS PRO Rocker Switches

RS Stock No.: 0180369



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

A robust reliable rocker switch featuring I/O marking actuator with a Single Pole Double Throw (SPDT) configuration and designed for an On-On action. Constructed with a flame retardant and impact resistant Nylon 66 case and button for a rocker switch fit for industrial and commercial environment.

## General Specifications

|                       |                                           |
|-----------------------|-------------------------------------------|
| Contact Configuration | Single Pole Double Throw(SPDT)            |
| Switches Operation    | On - On                                   |
| Mounting Type         | Panel                                     |
| Terminal Type         | Quick or Solder Connect                   |
| Illuminated           | No                                        |
| Actuator Material     | Polymer                                   |
| Mechanical Life       | 30000 Operations                          |
| Contact Material      | Silver alloy                              |
| Electrical Life       | 10,000 make and break cycles at full load |
| Housing               | PA66                                      |
| Switch Support        | PA66                                      |
| Terminals             | 3,Copper or Brass                         |
| Applications          | Household appliances and medical devices  |

## Electrical Specifications

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| Contact Current Rating           | 16A 250V 10A 125V                             |
| Temperature rise at the terminal | Max.30° C                                     |
| Contact Resistance               | <20m $\Omega$ (initial)                       |
| Insulation Resistance            | >1000M $\Omega$ (500DC between open contacts) |
| Dielectric Strength              | 1500V 1 minute                                |

## Mechanical Specifications

|                                        |                                                |
|----------------------------------------|------------------------------------------------|
| Panel Thickness For Panel Cut Out Size | 1: 0.7~1.25mm,2: 1.25~2.0mm, 3: 2.0~3.0mm      |
| Panel Cut Out Width                    | 1: 11.1~11.2mm,2: 11.1~11.2mm,3: 11.1~11.2mm   |
| Panel Cut Out Length                   | 1: 29.6~29.7mm,2: 30.1~30.2mm,3: 30.45~30.55mm |

## Operation Environment Specifications

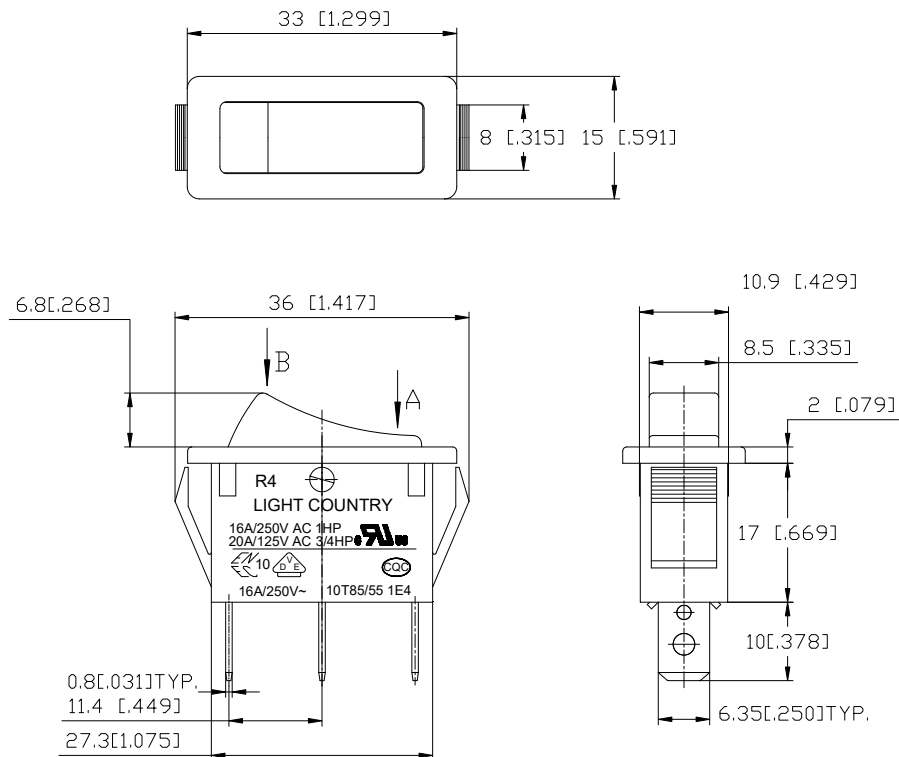
|                               |              |
|-------------------------------|--------------|
| Operating Temperature Range   | 0°C to 105°C |
| Minimum Operating Temperature | 0°C          |
| Maximum Operating Temperature | 105°C        |

## Protection Category

|           |      |
|-----------|------|
| IP Rating | IP20 |
|-----------|------|

## Approvals

|                           |                   |
|---------------------------|-------------------|
| Compliance/Certifications | UL / VED/ CQC/ CE |
| Declarations              | RoHS              |



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0.7~1.25 11.1~11.2 29.6~29.7

1.25~2.0 11.1~11.2 30.1~30.2

2.0~3.0 11.1~11.2 30.45~30.55