

Voltage selector switch, 2 stages, serie-parallel, PCB mounting



## Description

- Voltage Selector, 2 stages
- Series-parallel connections
- PCB terminals

## Standards

- IEC 61058-2-5
- UL 508
- CSA C22.2 no. 55

## References

Alternative: version for panel mounting [SWA1 \(Frontpl\)](#)

## Weblinks

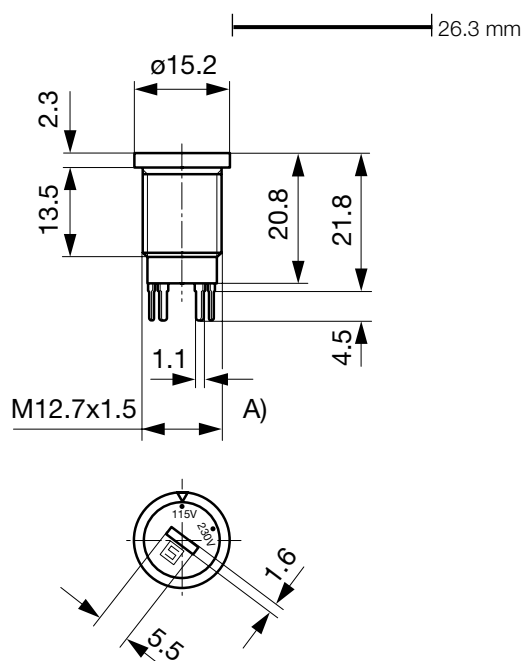
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Detailed request for product](#)

## Technical Data

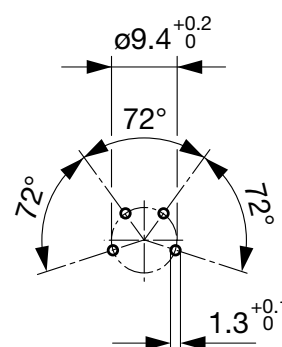
|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings                   | IEC: 6.3 A / 250 VAC; 50 Hz                                        |
|                           | UL: 6.3 A / 250 VAC; 60 Hz                                         |
|                           | CSA: 6.3 A / 250 VAC; 60 Hz                                        |
| Mounting                  | PCB Mounting                                                       |
| Terminal                  | Solder, THT                                                        |
| Number of Stages          | 2                                                                  |
| Lifetime                  | 300 operating cycles (without load)                                |
| Degree of Protection      | from front side IP 40                                              |
| Protection Class          | Suitable for appliances with protection class II acc. to IEC 61140 |
| Allowable Operation Temp. | -40 °C to 85 °C                                                    |
| Climatic Category         | 25/85/21 acc. to IEC 60068-1                                       |
| Material: Socket          | Thermoplastic, black, UL 94V-0                                     |
| Weight                    | 3.9 g                                                              |

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Solderability                   | 235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 1  |
| Resistance to Soldering Heat    | 260 °C / 5 sec acc. to IEC 60068-2-20, Test Tb, method 1A |
| Insulation Resistance           | > 10'000MΩ (500VDC; 1min)                                 |
| Contact Resistance              | < 10 mΩ at 20 mV                                          |
| Dielectric Strength             | > 2kVAC between L-N                                       |
|                                 | > 4kVAC between L/N-PE (1min; 50Hz)                       |
| Clearance and Creepage Distance | > 3mm                                                     |
|                                 | > 8mm between L/N-PE                                      |
| Resistance to Vibration         | acc. to IEC 60068-2-6, test Fc                            |

## Dimension

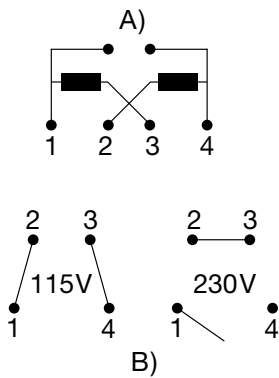


## Drilling diagram



A) double start thread

Diagrams



A) Power mains  
B) Internal contact arrangement for series-parallel connection

All Variants

| Letterings |         | Order Number |
|------------|---------|--------------|
| Stage 1    | Stufe 2 |              |
| 110        | 220     | 0033.4601    |
| 120        | 240     | 0033.4603    |
| 115        | 230     | 0033.4604    |
| 230        | 240     | 0033.4610    |
|            |         | 0033.4614    |
| 120        | 230     | 0033.4615    |
| 100        | 230     | 0033.4619    |

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