

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



### Description

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

### Standards

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

### References

Alternative: version for PCB mounting [SWA2 \(Print\)](#)

### Weblinks

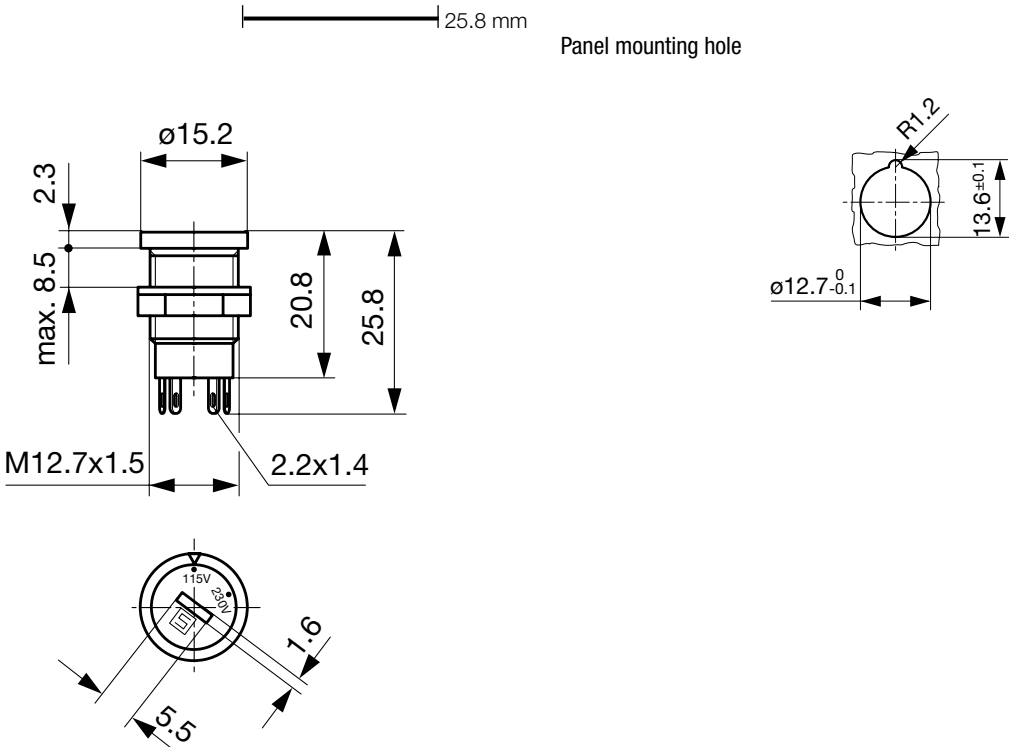
[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Detailed request for product](#)

### Technical Data

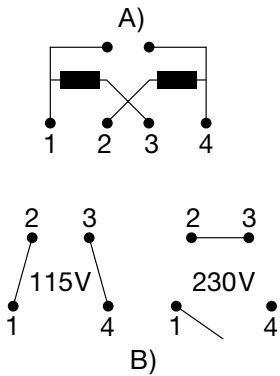
|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| Ratings                   | IEC: 6.3 A / 250 VAC; 50 Hz                                        |
|                           | UL: 6.3 A / 250 VAC; 60 Hz                                         |
|                           | CSA: 6.3 A / 250 VAC; 60 Hz                                        |
| Mounting                  | Panel Mount from front side                                        |
| Fastening                 | Screw-on mounting                                                  |
| Terminal                  | Solder                                                             |
| Number of Stages          | 2                                                                  |
| Lifetime                  | 300 operating cycles (without load)                                |
| Degree of Protection      | 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                   | 350 °C / 2 sec acc. to IEC 60068-2-20, Test Ta, method 2  |
| Resistance to Soldering Heat    | 350 °C / 10 sec acc. to IEC 60068-2-20, Test Tb, method 2 |
| Insulation Resistance           | > 10'000M $\Omega$ (500VDC; 1min)                         |
| Contact Resistance              | < 10m $\Omega$ 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                            |
| Panel Thickness s               | max 8.5 mm                                                |

Dimension



Diagrams



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

All Variants

| Letterings |         | Order Number |
|------------|---------|--------------|
| Stage 1    | Stufe 2 |              |
| 110        | 220     | 0033.4501    |
| 115        | 220     | 0033.4502    |
| 120        | 240     | 0033.4503    |
| 115        | 230     | 0033.4504    |
| 220        | 240     | 0033.4505    |
| 50 Hz      | 60 Hz   | 0033.4508    |
| 230        | 240     | 0033.4510    |
| LO         | HI      | 0033.4513    |
|            |         | 0033.4514    |
| 120        | 230     | 0033.4515    |
| 0          | 1       | 0033.4518    |
| A          | B       | 0033.4521    |

| Letterings |         | Order Number |
|------------|---------|--------------|
| Stage 1    | Stufe 2 |              |
| TEST       | RUN     | 0033.4524    |

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