

**DATA RSS, RSM, RSL ROCKER SWITCHES – LATCHING ACTION**

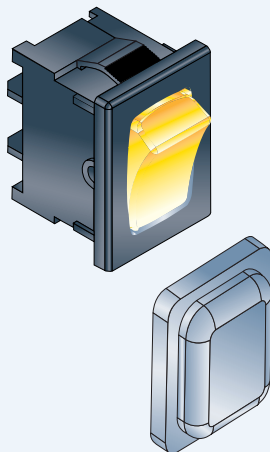
**BENEFITS**

- Absolute reliability and simple assembly
- Short lead time for all standard types
- Excellent price/performance ratio
- Various lettering options
- 1-pole and 2-pole versions, manufactured using high-quality materials

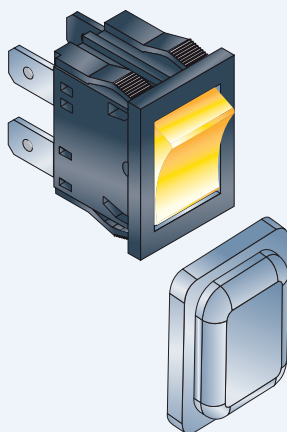
|                                  | RSS/RSM                                                | RSL                                                              |
|----------------------------------|--------------------------------------------------------|------------------------------------------------------------------|
| <b>Electrical data</b>           |                                                        |                                                                  |
| Switching capacity max.          | 12(4) A 250 V ~<br>6(4) A 250 V ~ 5E4                  | 16(6) A 250 V ~<br>10(4) A 250 V ~ 5E4                           |
| Switching capacity max.          | 12A/125 - 250 V AC<br>1/2HP 250 V AC<br>1/3HP 125 V AC | 16A 250 V AC<br>3/4HP 250 V AC<br>20A 125 V AC<br>1/3HP 125 V AC |
| Ambient temperature max.         | T120 / 55<br>T65                                       | T120 / 55<br>T65                                                 |
| Lifetime electrical [cycles]     | 10,000                                                 | 10,000                                                           |
| 5E4 [cycles]                     | 50,000                                                 | 50,000                                                           |
| Insulation resistance [MΩ]       | > 10                                                   | > 10                                                             |
| Contact resistance [mΩ]          | < 50                                                   | < 50                                                             |
| Contact opening [mm]             | > 3                                                    | > 3                                                              |
| Creeping current resistance      | PTI 250                                                | PTI 250                                                          |
| <b>Mechanical data</b>           |                                                        |                                                                  |
| Cover                            | IP 44                                                  | IP 65                                                            |
| Class of appliance               | II                                                     | II                                                               |
| Lifetime mechanical [operations] | > 50,000                                               | > 50,000                                                         |
| Degree of protection             | IP 40                                                  | IP 40                                                            |
| <b>Other data</b>                |                                                        |                                                                  |
| Flammability rating              | UL 94 V-2                                              | UL 94 V-2                                                        |
| According Norm                   | IEC/EN 61058 - 1<br>UL 1054                            | IEC/EN 61058 - 1<br>UL 1054                                      |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
|                                  |                                                        |                                                                  |
| <b>Packaging</b>                 |                                                        |                                                                  |
| loose in boxes                   | x                                                      | x                                                                |

## DIMENSIONS RSS, RSM, RSL ROCKER SWITCHES-LATCHING ACTION

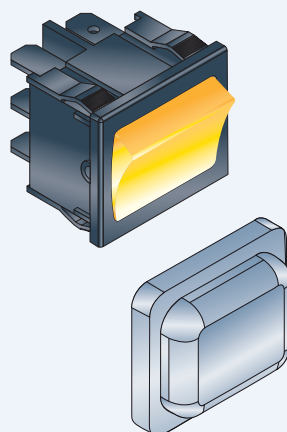
### CONSTRUCTION



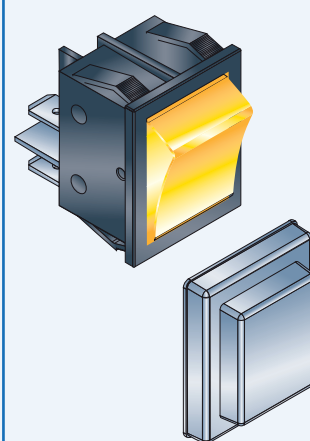
RSS 1 pole



RSS 2 pole

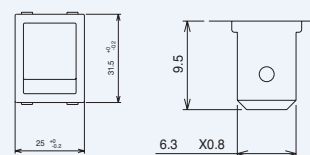
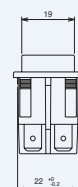
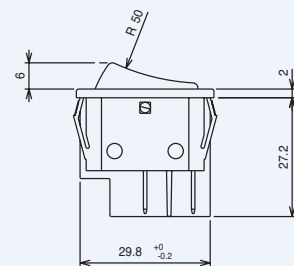
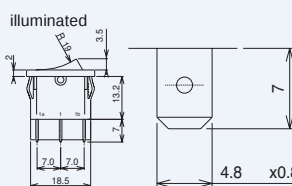
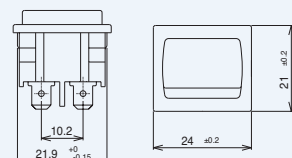
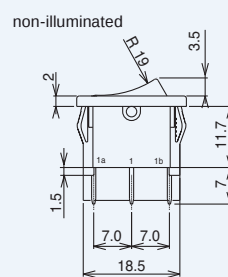
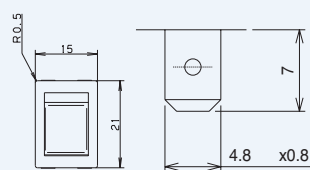
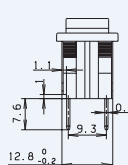
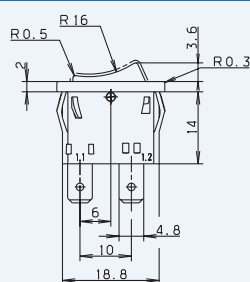
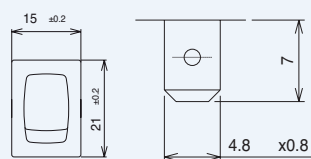
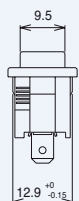
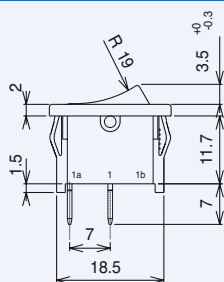


RSM

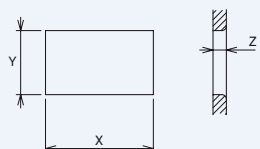


RSL

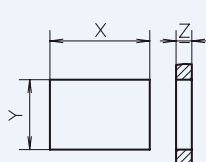
### DIMENSIONS



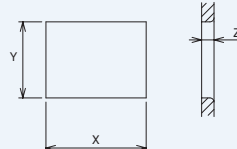
### MOUNTING



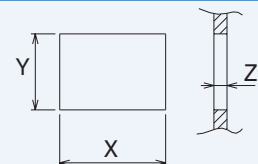
| Z         | Y              | X                                                      |
|-----------|----------------|--------------------------------------------------------|
| 0.75-1.25 | 13.0 $\pm 0.1$ | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 1.25-2    | 13.0 $\pm 0.1$ | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 2-3       | 13.0 $\pm 0.1$ | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |



| Z          | Y              | X              |
|------------|----------------|----------------|
| 0.7...1.25 | 13.0 $\pm 0.1$ | 19.1 $\pm 0.1$ |
| 1.25...2.0 | 13.0 $\pm 0.1$ | 19.4 $\pm 0.1$ |
| 2.0...3.0  | 13.0 $\pm 0.1$ | 19.7 $\pm 0.1$ |

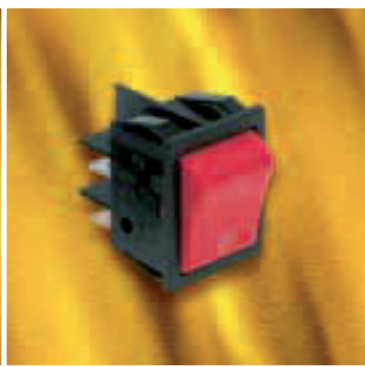


| Z         | Y              | X                                                      |
|-----------|----------------|--------------------------------------------------------|
| 0.75-1.25 | 22.0 $\pm 0.1$ | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 1.25-2    | 22.0 $\pm 0.1$ | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 2-3       | 22.0 $\pm 0.1$ | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |



| Z         | Y                                                      | X                                                      |
|-----------|--------------------------------------------------------|--------------------------------------------------------|
| 0.75-1.25 | 22.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 30.0 $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$ |
| 1.25-2    | 22.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 30.2 $\begin{smallmatrix} 0 \\ -0.1 \end{smallmatrix}$ |
| 2-3       | 22.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 30.6 $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$ |
| 3-4       | 22.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 30.8 $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$ |

## OVERVIEW RSS, RSM, RSL ROCKER SWITCHES—LATCHING ACTION

|                                                                          |                                                                                   |                                                                                    |                                                                                     |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                          |  |  |  |
| All types are lettered to describe the switch state (see product photo). | RSS                                                                               | RSM                                                                                | RSL                                                                                 |

### FEATURES

| Terminals                         | Quick-connect terminals 4.8mm x 0.8mm | Quick-connect terminals 4.8mm x 0.8mm | Quick-connect terminals 6.3mm x 0.8mm |
|-----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| <b>PART NUMBER</b>                |                                       |                                       |                                       |
| <b>1 pole non-illuminated</b>     |                                       |                                       |                                       |
| Actuator colour: <b>black</b>     | <b>1301.9206</b>                      |                                       |                                       |
| <b>red</b>                        | <b>1301.9208</b>                      |                                       |                                       |
|                                   |                                       |                                       |                                       |
| <b>2 pole non-illuminated</b>     |                                       |                                       |                                       |
| Actuator colour: <b>black</b>     | <b>1301.9213</b>                      | <b>1301.9202</b>                      | <b>1301.9222</b>                      |
| <b>red</b>                        |                                       |                                       | <b>1301.9221</b>                      |
|                                   |                                       |                                       |                                       |
| <b>2 pole illuminated</b>         |                                       |                                       |                                       |
| Actuator colour: <b>red</b>       |                                       | <b>1301.9201</b>                      | <b>1301.9224</b>                      |
| <b>green</b>                      | <b>1301.9211</b>                      | <b>1301.9212</b>                      | <b>1301.9215</b>                      |
| <b>Cover, transparent</b>         |                                       |                                       |                                       |
| <b>Degree of protection IP 65</b> |                                       |                                       | <b>1301.9214</b>                      |
| <b>Degree of protection IP 44</b> | <b>*1301.9209</b>                     | <b>*1301.9210</b>                     |                                       |

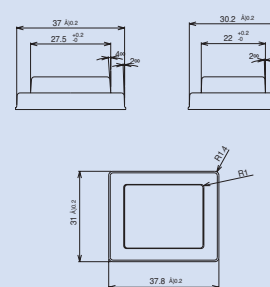
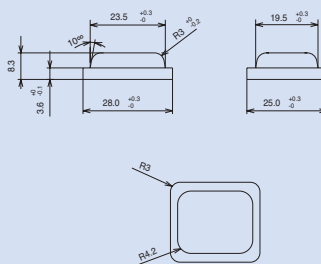
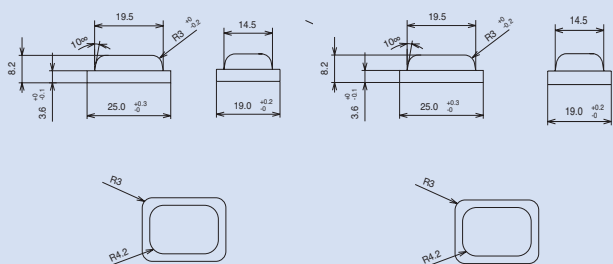
#### Dimensions:

RSS 1 pole:

RSS 2 pole:

RSM:

RSL:



\* Degree of protection IP 65 on request

# Mouser Electronics

Authorized Distributor

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