

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

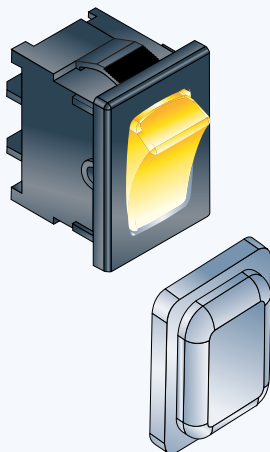
**BENEFITS**

- 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
- Comply with all important IEC/EN and UL standards

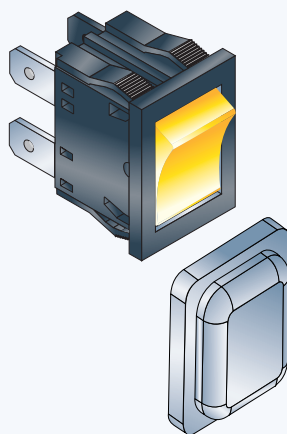
|                                                                                               |                                                      | RSS/RSM                                                | RSL                                                              |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------|
| <b>Electrical data</b>                                                                        |                                                      |                                                        |                                                                  |
| Switching capacity max.                                                                       | EN-61058-1                                           | 10(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.                                                                       | UL 1054                                              | 10A/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.                                                                      | EN-61058-1 [°C]<br>UL 1054 [°C]                      | T120 / 55<br>T65                                       | T120 / 55<br>T65                                                 |
| Lifetime electrical                                                                           | [cycles]<br>5E4 [cycles]                             | 10,000<br>50,000                                       | 10,000<br>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                                                        |
| Standards                                                                                     |                                                      | IEC/EN 61058 - 1<br>UL 1054                            | IEC/EN 61058 - 1<br>UL 1054                                      |
| Approvals  | RSS 2 pole<br>RSS 1 pole<br>RSM 2 pole<br>RSL 2 pole | 1054<br>5788<br>5788                                   | 5788                                                             |
| Approvals  | RSS 2 pole<br>RSS 1 pole<br>RSM 2 pole<br>RSL 2 pole | E 98133<br>E 98133<br>E 98133                          | E 98133                                                          |
| <b>Packaging</b>                                                                              |                                                      |                                                        |                                                                  |
| loose in boxes                                                                                |                                                      | x                                                      | x                                                                |

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

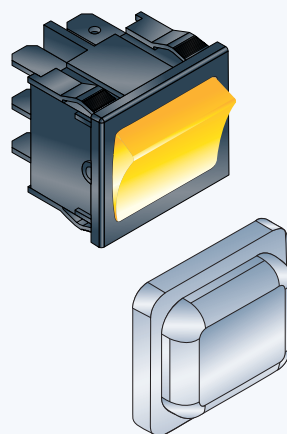
### CONSTRUCTION



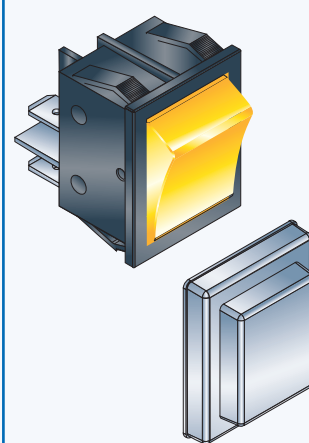
RSS 1 pole



RSS 2 pole

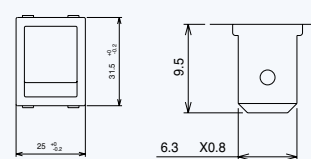
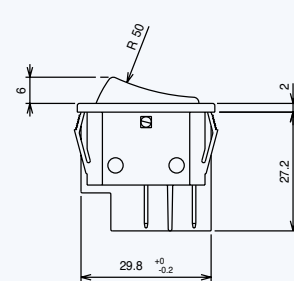
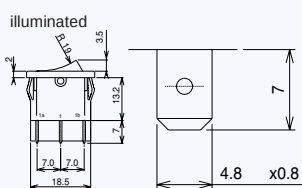
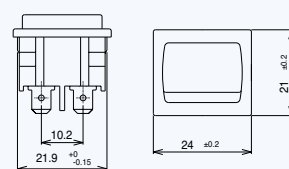
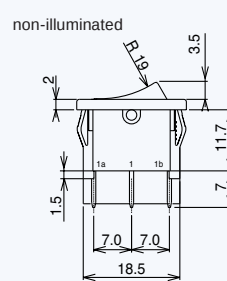
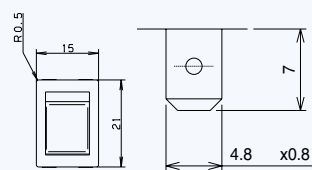
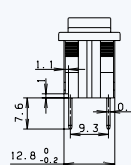
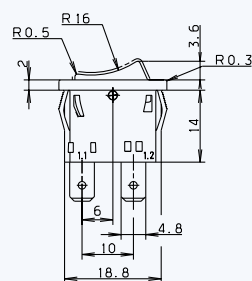
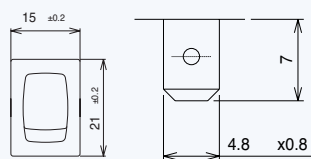
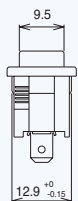
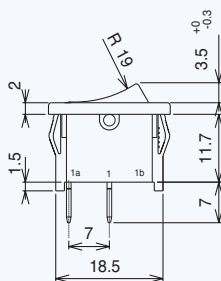


RSM

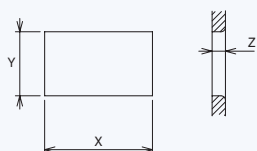


RSL

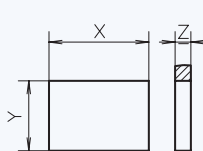
### DIMENSIONS



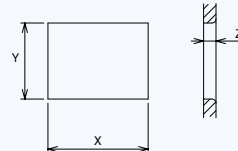
### MOUNTING



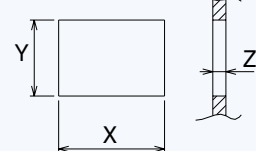
| Z         | Y         | X                                 |
|-----------|-----------|-----------------------------------|
| 0.75-1.25 | 13.0 ±0.1 | 19.0 <sup>+0.2</sup> <sub>0</sub> |
| 1.25-2    | 13.0 ±0.1 | 19.3 <sup>+0.2</sup> <sub>0</sub> |
| 2-3       | 13.0 ±0.1 | 19.6 <sup>+0.2</sup> <sub>0</sub> |



| Z          | Y          | X          |
|------------|------------|------------|
| 0.7...1.25 | 13.0 ± 0.1 | 19.1 ± 0.1 |
| 1.25...2.0 | 13.0 ± 0.1 | 19.4 ± 0.1 |
| 2.0...3.0  | 13.0 ± 0.1 | 19.7 ± 0.1 |



| Z         | Y         | X                                 |
|-----------|-----------|-----------------------------------|
| 0.75-1.25 | 22.0 ±0.1 | 19.0 <sup>+0.2</sup> <sub>0</sub> |
| 1.25-2    | 22.0 ±0.1 | 19.3 <sup>+0.2</sup> <sub>0</sub> |
| 2-3       | 22.0 ±0.1 | 19.6 <sup>+0.2</sup> <sub>0</sub> |

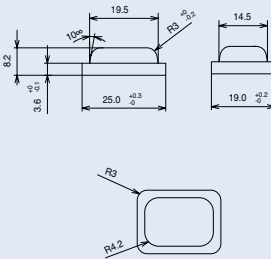
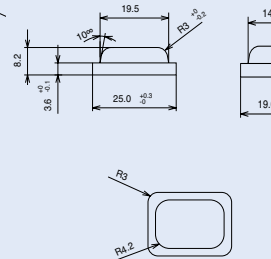
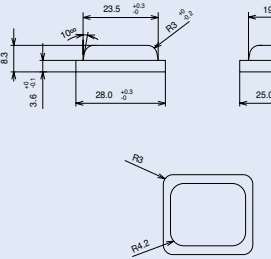
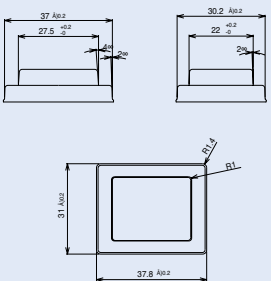


| Z         | Y                                 | X                                 |
|-----------|-----------------------------------|-----------------------------------|
| 0.75-1.25 | 22.0 <sup>+0.2</sup> <sub>0</sub> | 30.0 <sup>0</sup> <sub>-0.1</sub> |
| 1.25-2    | 22.0 <sup>+0.2</sup> <sub>0</sub> | 30.2 <sup>0</sup> <sub>-0.1</sub> |
| 2-3       | 22.0 <sup>+0.2</sup> <sub>0</sub> | 30.6 <sup>0</sup> <sub>-0.2</sub> |
| 3-4       | 22.0 <sup>+0.2</sup> <sub>0</sub> | 30.8 <sup>0</sup> <sub>-0.2</sub> |

## 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 4.8 mm x 0.8 mm                                                         | Quick-connect terminals 4.8 mm x 0.8 mm                                                   | Quick-connect terminals 6.3 mm x 0.8 mm                                                    |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <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>                                                                        |                                                                                            |
| <b>Dimensions:</b><br><br>RSS 1 pole:  | RSS 2 pole:  | RSM:  | RSL:  |

\* Degree of protection IP 65 on request