

DATA RSS, RSM, RSL ROCKER SWITCHES–LATCHING ACTION

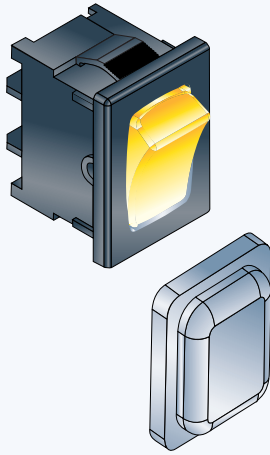
BENEFITS

- 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

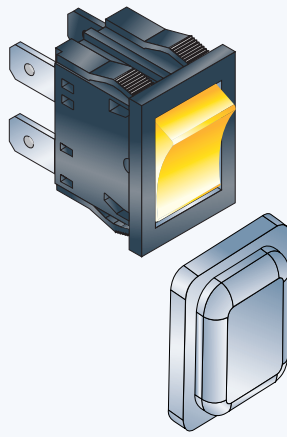
| | | RSS/RSM | RSL |
|-----------------------------|--|--|--|
| Electrical data | | | |
| Switching capacity max. | EN-61058-1 | 10(4) A 250 V ~ 6(4) A 250 V ~ 5E4 | 16(6) A 250 V ~ 10(4) A 250 V ~ 5E4 |
| Switching capacity max. | UL 1054 | 10A/125-250 V AC 1/2HP 250 V AC 1/3HP 125 V AC | 16 A 250 V AC 3/4HP 250 V AC 20 A 125 V AC 1/3HP 125 V AC |
| Ambient temperature max. | EN-61058-1 [°C] UL 1054 [°C] | T120 / 55 T65 | T120 / 55 T65 |
| Lifetime electrical | [cycles] 5E4 [cycles] | 10,000 50,000 | 10,000 50,000 |
| Insulation resistance | [MΩ] | >10 | >10 |
| Contact resistance | [mΩ] | <50 | <50 |
| Contact opening | [mm] | >3 | >3 |
| Creeping current resistance | | PTI 250 | PTI 250 |
| Mechanical data | | | |
| Cover | | IP 44 | IP 65 |
| Class of appliance | | II | II |
| Lifetime mechanical | [operations] | >50,000 | >50,000 |
| Degree of protection | | IP 40 | IP 40 |
| Other data | | | |
| Flammability rating | | UL 94 V-2 | UL 94 V-2 |
| Standards | | IEC/EN 61058-1 UL 1054 | IEC/EN 61058-1 UL 1054 |
| Approvals | RSS 2 pole RSS 1 pole RSM 2 pole RSL 2 pole | 1054 5788 5788 | 5788 |
| Approvals | RSS 2 pole RSS 1 pole RSM 2 pole RSL 2 pole | E 41700 E 98133 E 98133 | E 98133 |
| Packaging | | | |
| loose in boxes | | x | x |

DIMENSIONS RSS, RSM, RSL ROCKER SWITCHES—LATCHING ACTION

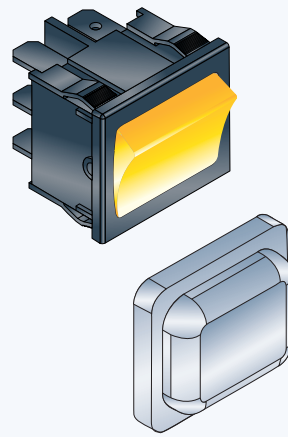
CONSTRUCTION



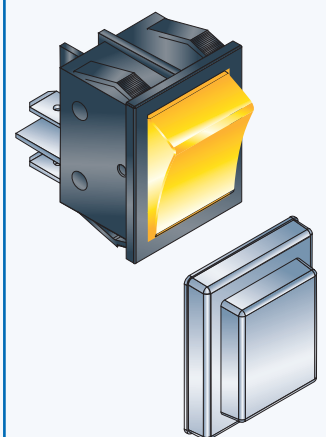
RSS 1 pole



RSS 2 pole

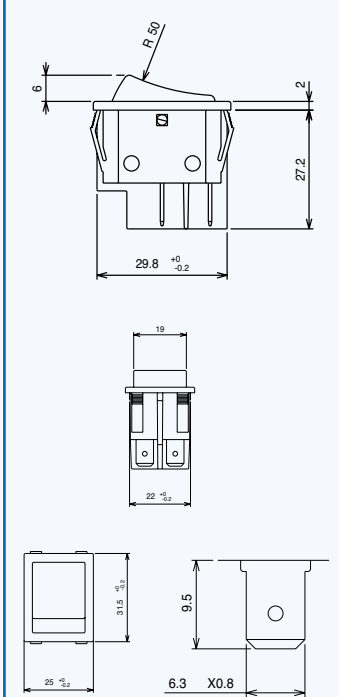
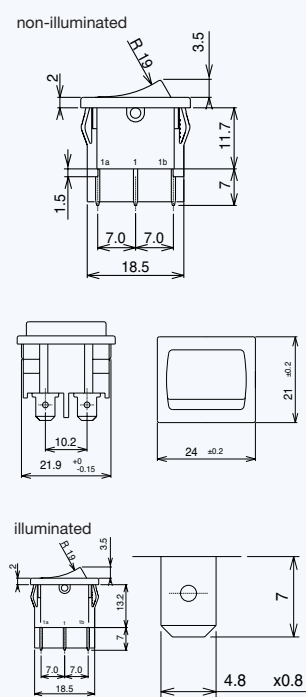
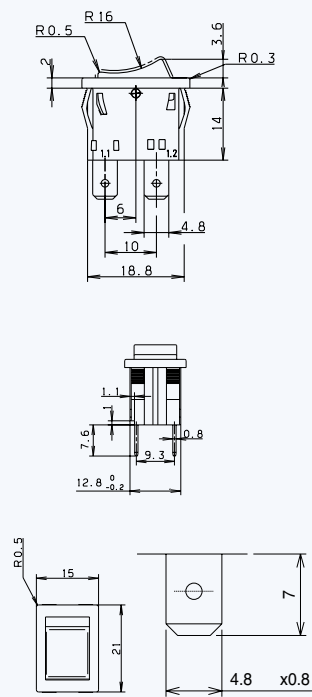
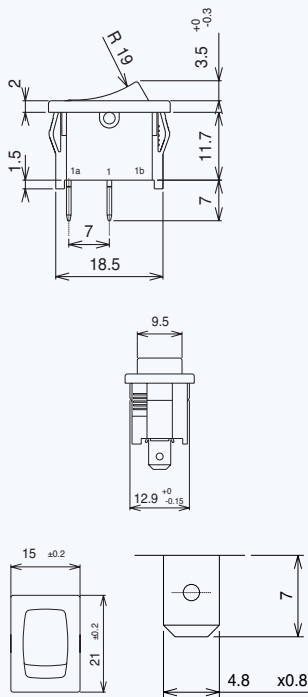


RSM

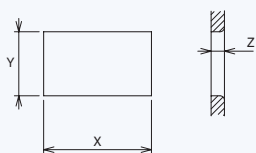


RSL

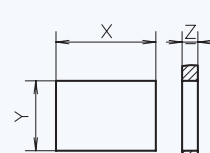
DIMENSIONS



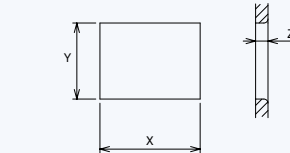
MOUNTING



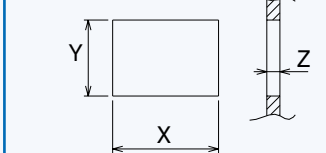
| Z | Y | X |
|-----------|----------------|--|
| 0.75-1.25 | 13.0 ± 0.1 | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 1.25-2 | 13.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 2-3 | 13.0 ± 0.1 | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |



| 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 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 1.25-2 | 22.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ |
| 2-3 | 22.0 ± 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 4.8 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 |
|-----------------------------------|---|---|---|
| PART NUMBER | | | |
| 1 pole non-illuminated | | | |
| Actuator colour: black | 1301.9206 | | |
| red | 1301.9208 | | |
| green | 1301.9238 | | |
| 2 pole non-illuminated | | | |
| Actuator colour: black | 1301.9213 | 1301.9202 | 1301.9222 |
| red | 1301.9203 | 1301.9237 | 1301.9221 |
| green | 1301.9235 | 1301.9236 | 1301.9229 |
| 2 pole illuminated | | | |
| Actuator colour: red | 1301.9204 | 1301.9201 | 1301.9224 |
| green | 1301.9211 | 1301.9212 | 1301.9215 |
| Cover, transparent | | | |
| Degree of protection IP 65 | | | 1301.9214 |
| Degree of protection IP 44 | * 1301.9209 | * 1301.9210 | |

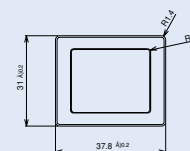
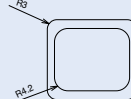
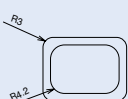
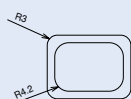
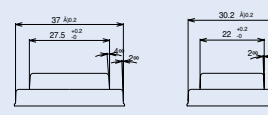
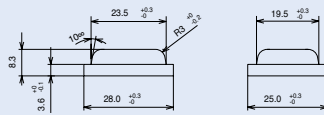
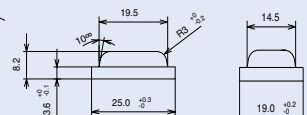
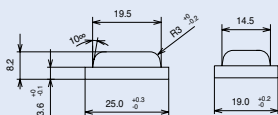
Dimensions:

RSS 1 pole:

RSS 2 pole:

RSM:

RSL:

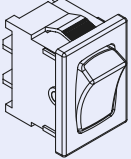
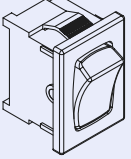
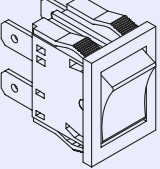
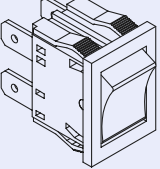


* Degree of protection IP 65 on request

| Einbaumaße Mounting | 1. Mechanische Kennwerte / Mechanical data | | | | | | | | | | | | | | | | | |
|--|--|--|--|------------|--|--|------------|--|--|-----------|--|--|--|--|--|---------------------------|--|--|
| <table border="1"> <tr><th>Z</th><th>Y</th><th>X</th></tr> <tr><td>0.75-1.25</td><td>13.0 ± 0.1</td><td>19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> <tr><td>1.25-2</td><td>13.0 ± 0.1</td><td>19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> <tr><td>2-3</td><td>13.0 ± 0.1</td><td>19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> </table> | Z | Y | X | 0.75-1.25 | 13.0 ± 0.1 | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 1.25-2 | 13.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 2-3 | 13.0 ± 0.1 | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | Schutzgrad Degree of protection | IP 40 | | | | |
| | Z | Y | X | | | | | | | | | | | | | | | |
| | 0.75-1.25 | 13.0 ± 0.1 | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | |
| 1.25-2 | 13.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | | |
| 2-3 | 13.0 ± 0.1 | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | | |
| Abdeckhaube Cover | IP 65 | | | | | | | | | | | | | | | | | |
| Geräteschutzklasse Class of appliance | II | | | | | | | | | | | | | | | | | |
| Lebensdauer mechanisch Lifetime mechanical | > 50.000 Betätigungen Operations | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Z</th><th>Y</th><th>X</th></tr> <tr><td>0.7-1.25</td><td>13.0 ± 0.1</td><td>19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> <tr><td>1.25-2</td><td>13.0 ± 0.1</td><td>19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> <tr><td>2-3</td><td>13.0 ± 0.1</td><td>19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$</td></tr> </table> | Z | Y | X | 0.7-1.25 | 13.0 ± 0.1 | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 1.25-2 | 13.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 2-3 | 13.0 ± 0.1 | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | 2. Elektrische Kennwerte / Electrical data | | | | | |
| | Z | Y | X | | | | | | | | | | | | | | | |
| | 0.7-1.25 | 13.0 ± 0.1 | 19.0 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | |
| 1.25-2 | 13.0 ± 0.1 | 19.3 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | | |
| 2-3 | 13.0 ± 0.1 | 19.6 $\begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | | | | | | | | | | | | | | | | |
| Schaltleistung max. Switching capacity max. | EN 61058-1 | RSS/RSM 10(4) A 250 V ~ 6(4) A 250 V ~ 5E4 | RSL/RSH 16(6) A 250 V ~ 10(4) A 250 V ~ 5E4 | | | | | | | | | | | | | | | |
| | UL 1054 | 10 A /125-250 VAC 1/2HP 250 VAC 1/3HP 125 VAC | 16 A 250 VAC 3/4HP 250 VAC 20 A 125 VAC 1/3HP 125 VAC | | | | | | | | | | | | | | | |
| Umgebungstemperatur max. Ambient-temperature max. | T120 °C / 55 °C (EN 61058-1) T65 °C (UL 1054) | | | | | | | | | | | | | | | | | |
| Elektrische Lebensdauer Electrical lifetime | 10.000 Zyklen/cycles 50.000 Zyklen/cycles (5E4) | | | | | | | | | | | | | | | | | |
| Isolationswiderstand Insulation resistance | > 10 mΩ | | | | | | | | | | | | | | | | | |
| Übergangswiderstand Contact resistance | < 50 mΩ | | | | | | | | | | | | | | | | | |
| Kontaktöffnungsweite Contact opening | > 3 mm | | | | | | | | | | | | | | | | | |
| Kriechstromfestigkeit Creeping current resistance | PTI 250 | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><th>Z</th><th>Y</th><th>X</th></tr> <tr><td>0.7...1.25</td><td>13.0 ± 0.1</td><td>19.1 ± 0.1</td></tr> <tr><td>1.25...2.0</td><td>13.0 ± 0.1</td><td>19.4 ± 0.1</td></tr> <tr><td>2.0...3.0</td><td>13.0 ± 0.1</td><td>19.7 ± 0.1</td></tr> </table> | 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 | 3. Sonstige Kennwerte / Other data | | | | | |
| | 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 | | | | | | | | | | | | | | | | |
| Entflammbarkeit Flamability rating | UL 94 V-2 | | | | | | | | | | | | | | | | | |
| Normen Standards | IEC/EN 61058-1 UL 1054 | | | | | | | | | | | | | | | | | |
| Prüfzeichen Approvals | | RSS 2-polig: 1054 | 5788 | | | | | | | | | | | | | | | |
| | | RSS 1-polig: 5788 | | | | | | | | | | | | | | | | |
| | | RSM: 5788 | | | | | | | | | | | | | | | | |
| | | RSS 2-polig: E 41700 | E 98133 | | | | | | | | | | | | | | | |
| | | RSS 1-polig: E 98133 | | | | | | | | | | | | | | | | |
| | | RSM: E 98133 | | | | | | | | | | | | | | | | |
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| | 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 $\begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$ | | | | | | | | | | | | | | | | |
| | Lose geschüttet / loose in boxes | | | | | | | | | | | | | | | | | |

Wippenschalter RSS

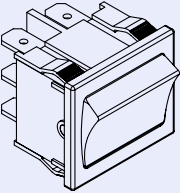
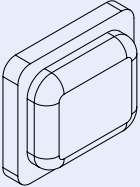
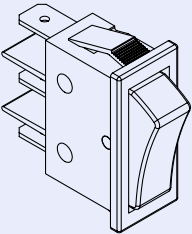
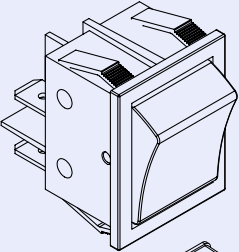
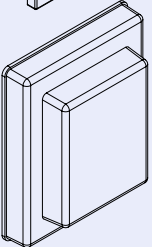
Rocker switches in latching action RSS

| Ausführungen Models RSS | Varianten Variations | Artikelnummer Part Number |
|---|--|---|
| Steckanschlüsse Quick-connect terminals 4,8 mm x 0,8 mm  | Polzahl 1, unbeleuchtet 1 pole, non-illuminated | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9206 rot red 1301.9208 grün green 1301.9238 |
| | Abdeckhaube transparent Cover transparent | IP 65 1301.9209 |
| Lötanschlüsse Solder-terminals 1,7 mm x 0,8 mm  | Polzahl 1, unbeleuchtet 1 pole, non-illuminated | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9205 rot red 1301.9207 grün green 1301.9239 |
| | Abdeckhaube transparent Cover transparent | IP 65 1301.9209 |
| Steckanschlüsse Quick-connect terminals 4,8 mm x 0,8 mm  | Polzahl 2, unbeleuchtet 2 pole, non-illuminated | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9213 rot red 1301.9203 grün green 1301.9235 |
| | Abdeckhaube transparent Cover transparent | IP 65 1301.9209 |
| Steckanschlüsse Quick-connect terminals 4,8 mm x 0,8 mm  | Polzahl 2, beleuchtet 2 pole, illuminated | |
| | Betätigerfarbe Actuator color | rot red 1301.9204 grün green 1301.9211 |
| | Abdeckhaube transparent Cover transparent | IP 65 1301.9209 |

Alle Typen sind standardmäßig zur Anzeige des Schaltzustandes beschriftet.
All types have a standard lettering to indicate the switching position.

Wippenschalter RSM, RSH, RSL

Rocker switches in latching action RSM, RSH, RSL

| Ausführungen Models RSM | Varianten Variations | Artikelnummer Part Number | |
|--|--|------------------------------|-----------|
| Steckanschlüsse Quick-connect terminals 4,8 mm x 0,8 mm   | Polzahl 2, unbeleuchtet 2 pole, non-illuminated | | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9202 | |
| | | rot red 1301.9237 | |
| | | grün green 1301.9236 | |
| | Polzahl 2, beleuchtet 2 pole, illuminated | | |
| | Betätigerfarbe Actuator color | rot red 1301.9201 | |
| | grün green 1301.9212 | | |
| Abdeckhaube transparent Cover transparent | IP 65 | 1301.9210 | |
| RSH | | | |
| Steckanschlüsse Quick-connect terminals 6,3 mm x 0,8 mm  | Polzahl 1, unbeleuchtet 1 pole, non-illuminated | | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9230 | |
| | | rot red 1301.9231 | |
| | | grün green 1301.9232 | |
| | Polzahl 1, beleuchtet 1 pole, illuminated | | |
| | Betätigerfarbe Actuator color | rot red 1301.9234 | |
| | grün green 1301.9233 | | |
| RSL | | | |
| Steckanschlüsse Quick-connect terminals 6,3 mm x 0,8 mm   | Polzahl 2, unbeleuchtet 2 pole, non-illuminated | | |
| | Betätigerfarbe Actuator color | schwarz black 1301.9222 | |
| | | rot red 1301.9221 | |
| | | grün green 1301.9229 | |
| | Polzahl 2, beleuchtet 2 pole, illuminated | | |
| | Betätigerfarbe Actuator color | rot red 1301.9224 | |
| | | grün green 1301.9215 | |
| | Abdeckhaube transparent Cover transparent | IP 65 | 1301.9214 |

Alle Typen sind standardmäßig zur Anzeige des Schaltzustandes beschriftet.
All types have a standard lettering to indicate the switching position.