

DATA RSS, RSM, RSL ROCKER SWITCHES–LATCHING ACTION

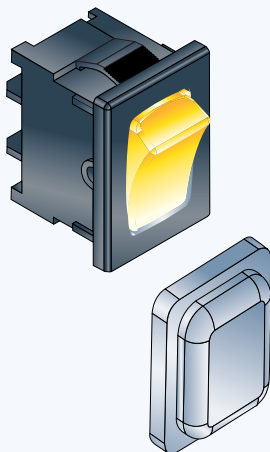
BENEFITS

- 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

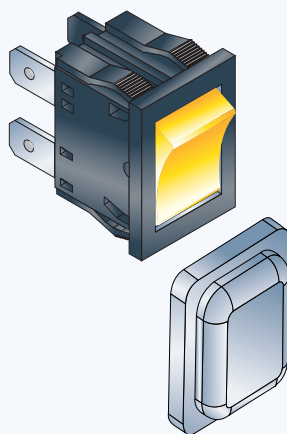
		RSS/RSM	RSL
Electrical data			
Switching capacity max.	EN-61058-1	10(4) A 250 V ~ 6(4) A 250 V ~ 5E4	16(6) A 250 V ~ 10(4) A 250 V ~ 5E4
Switching capacity max.	UL 1054	10A/125-250 V AC 1/2HP 250 V AC 1/3HP 125 V AC	16A 250 V AC 3/4HP 250 V AC 20A 125 V AC 1/3HP 125 V AC
Ambient temperature max.	EN-61058-1 [°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

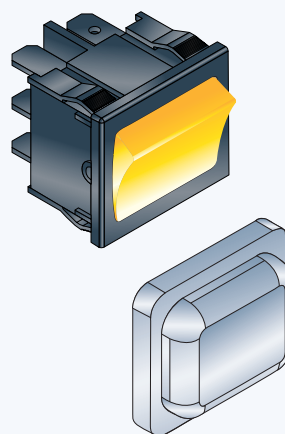
CONSTRUCTION



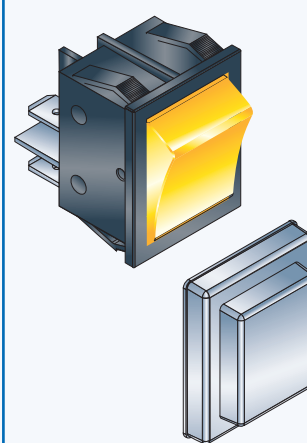
RSS 1 pole



RSS 2 pole

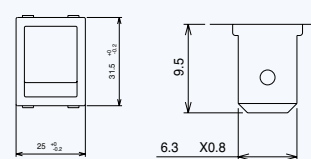
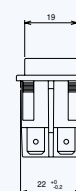
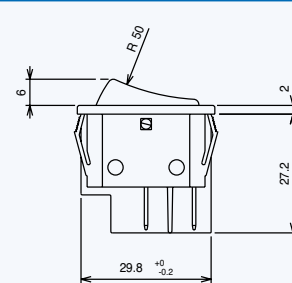
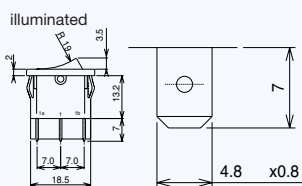
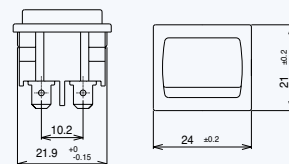
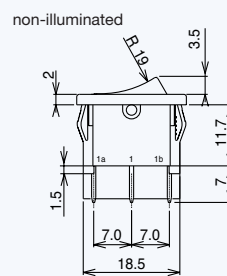
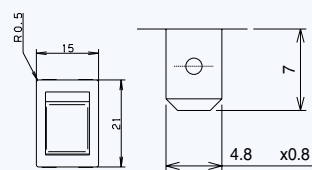
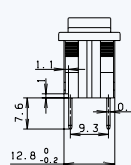
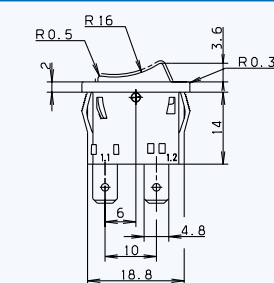
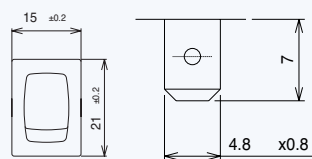
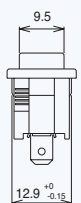
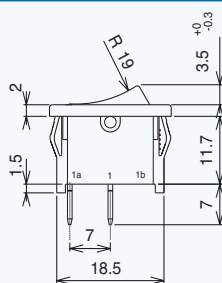


RSM

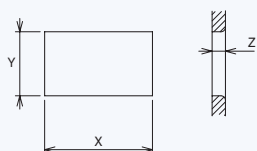


RSL

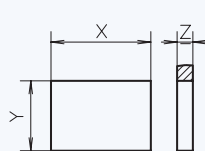
DIMENSIONS



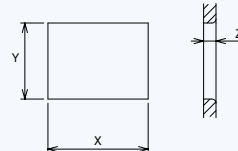
MOUNTING



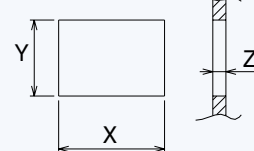
Z	Y	X
0.75-1.25	13.0 ±0.1	19.0 ^{+0.2} ₀
1.25-2	13.0 ±0.1	19.3 ^{+0.2} ₀
2-3	13.0 ±0.1	19.6 ^{+0.2} ₀



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

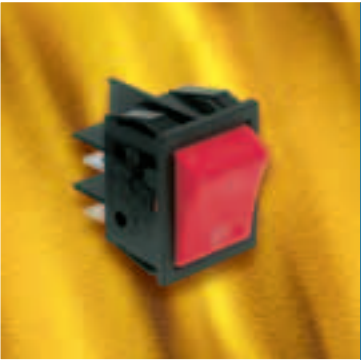


Z	Y	X
0.75-1.25	22.0 ±0.1	19.0 ^{+0.2} ₀
1.25-2	22.0 ±0.1	19.3 ^{+0.2} ₀
2-3	22.0 ±0.1	19.6 ^{+0.2} ₀

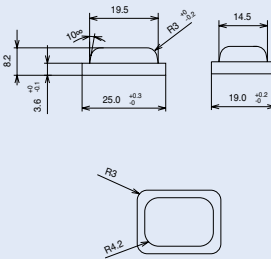
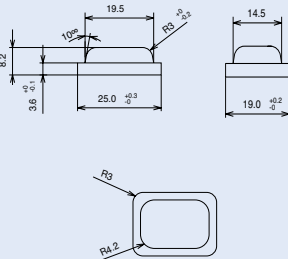
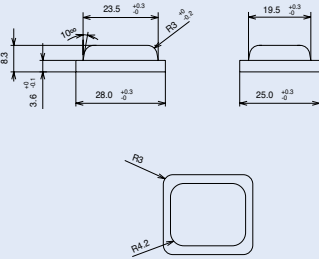
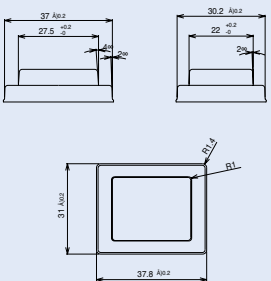


Z	Y	X
0.75-1.25	22.0 ^{+0.2} ₀	30.0 ⁰ _{-0.1}
1.25-2	22.0 ^{+0.2} ₀	30.2 ⁰ _{-0.1}
2-3	22.0 ^{+0.2} ₀	30.6 ⁰ _{-0.2}
3-4	22.0 ^{+0.2} ₀	30.8 ⁰ _{-0.2}

OVERVIEW RSS, RSM, RSL ROCKER SWITCHES—LATCHING ACTION

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

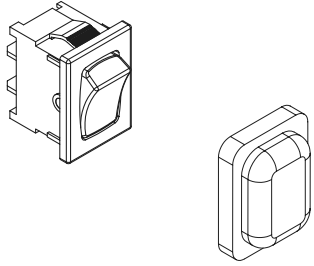
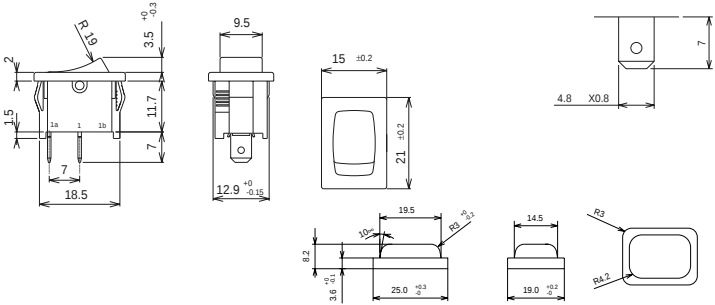
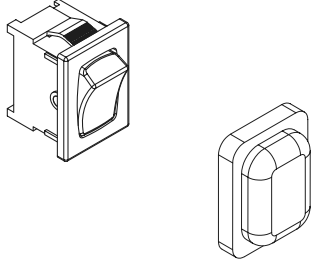
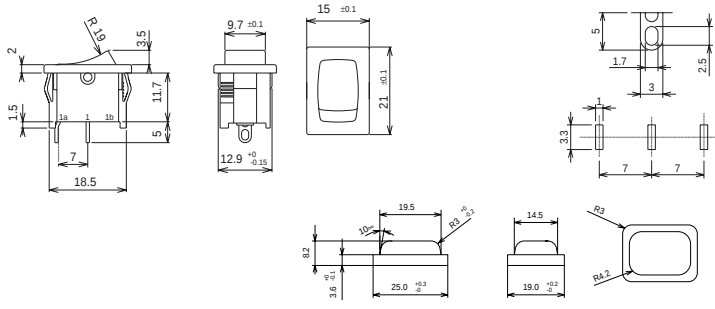
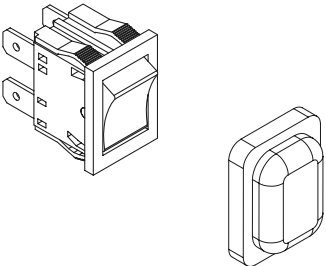
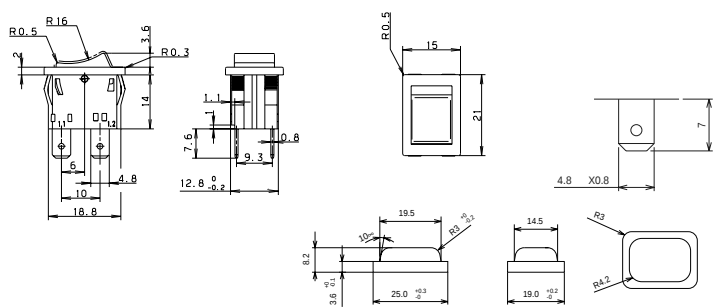
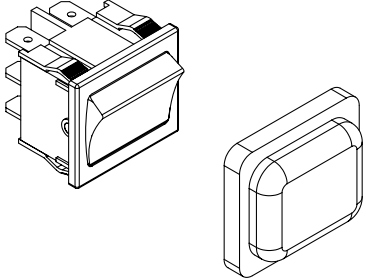
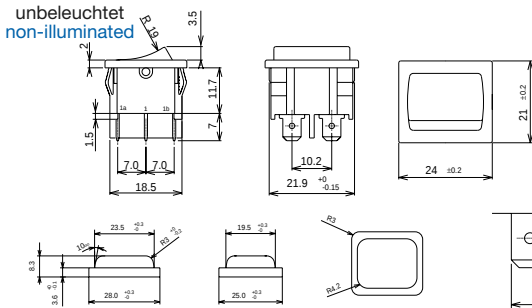
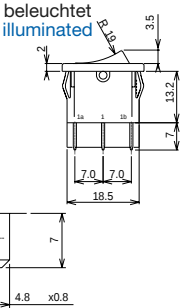
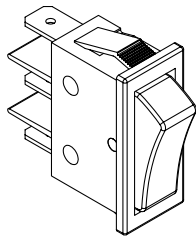
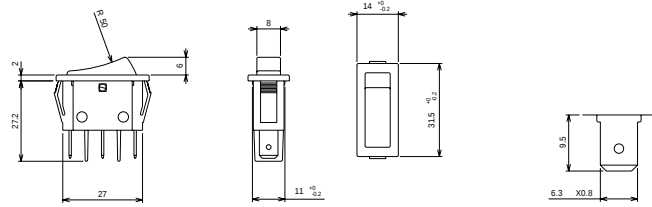
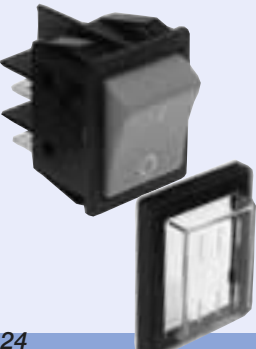
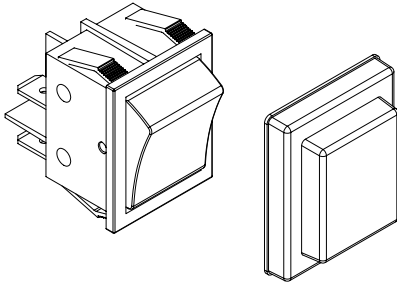
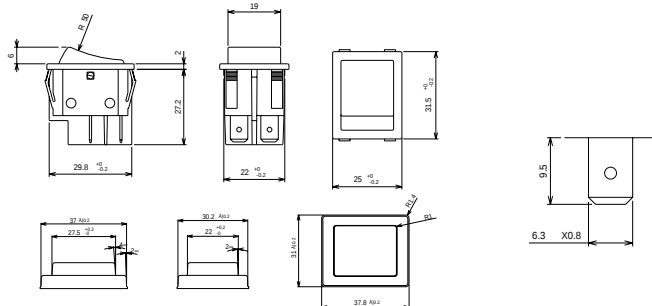
FEATURES

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: 			

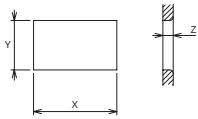
* Degree of protection IP 65 on request

Wippenschalter RSS, RSM, RSH, RSL

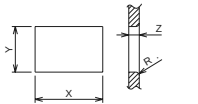
Rocker switches in latching action RSS, RSM, RSH, RSL

Ausführungen Models	Aufbau Construction	Abmessungen Dimensions
RSS 1-pol 		
RSS solder-terminals 		
RSS 2-pol 		
RSM 		unbeleuchtet non-illuminated  beleuchtet illuminated 
RSH 		
RSL 		

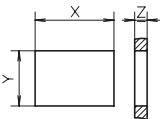
Einbaumaße Mounting



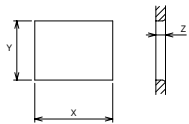
Z	Y	X
0.75-1.25	13.0 ± 0.1	19.0 ± 0.2
1.25-2	13.0 ± 0.1	19.3 ± 0.2
2-3	13.0 ± 0.1	19.6 ± 0.2



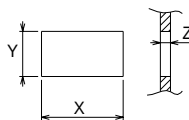
Z	Y	X
0.7-1.25	13.0 ± 0.1	19.0 ± 0.2
1.25-2	13.0 ± 0.1	19.3 ± 0.2
2-3	13.0 ± 0.1	19.6 ± 0.2



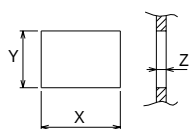
Z	Y	X
0.7...1.25	13.0 ± 0.1	19.1 ± 0.1
1.25...2.0	13.0 ± 0.1	19.4 ± 0.1
2.0...3.0	13.0 ± 0.1	19.7 ± 0.1



Z	Y	X
0.75-1.25	22.0 ± 0.1	19.0 ± 0.2
1.25-2	22.0 ± 0.1	19.3 ± 0.2
2-3	22.0 ± 0.1	19.6 ± 0.2



Z	Y	X
0.75-1.25	11.0 ± 0.2	30.0 ± 0.1
1.25-2	11.0 ± 0.2	30.2 ± 0.1
2-3	11.0 ± 0.2	30.6 ± 0.2
3-4	11.0 ± 0.2	30.8 ± 0.2



Z	Y	X
0.75-1.25	22.0 ± 0.2	30.0 ± 0.1
1.25-2	22.0 ± 0.2	30.2 ± 0.1
2-3	22.0 ± 0.2	30.6 ± 0.2
3-4	22.0 ± 0.2	30.8 ± 0.2

1. Mechanische Kennwerte / Mechanical data

Schutzgrad
Degree of protection

IP 40

Abdeckhaube
Cover

IP 65

Geräteschutzklasse
Class of appliance

II

Lebensdauer mechanisch
Lifetime mechanical

> 50.000 Betätigungen
Operations

2. Elektrische Kennwerte / Electrical data

RSS/RSM

RSL/RSH

Schaltleistung max.
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

Schaltleistung max.
Switching capacity max.

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

3. Sonstige Kennwerte / Other data

RSS/RSM

RSL/RSH

Entflammbarkeit
Flamability rating

UL 94 V-2

Normen
Standards

IEC/EN 61058-1
UL 1054

Prüfzeichen
Approvals



RSS 2-polig: 1054
RSS 1-polig: 5788
RSM: 5788

5788

RSS 2-polig: E 41700
RSS 1-polig: E 98133
RSM: E 98133

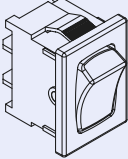
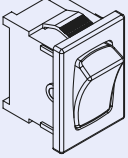
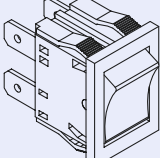
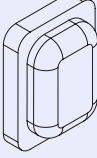
E 98133

5. Verpackung / Packaging

Lose geschüttet / loose in boxes

Wippenschalter RSS

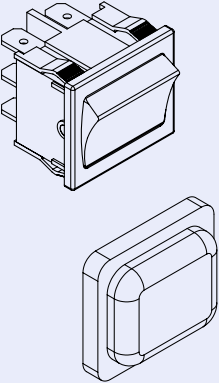
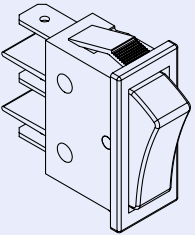
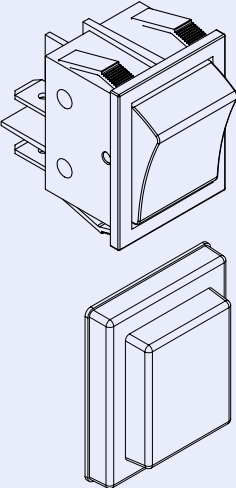
Rocker switches in latching action RSS

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
		rot red
		grün green
	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
		rot red
		grün green
	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
		rot red
		grün green
	Polzahl 2, beleuchtet 2 pole, illuminated	
	Betätigerfarbe Actuator color	rot red
		grün green
	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
RSL Steckanschlüsse Quick-connect terminals 6,3 mm x 0,8 mm 		grün green 1301.9233
	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.		