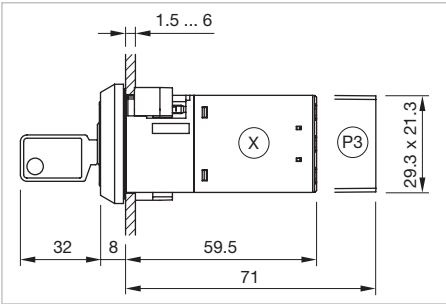
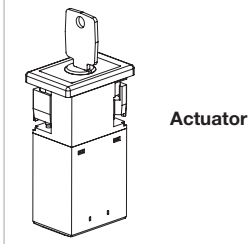


Keylock switch 2 positions, IP 65

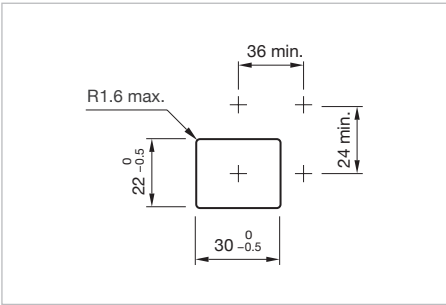
Equipment consisting of (schematic overview)



Each Part Number listed below includes all the black components shown in the 3D-drawing.

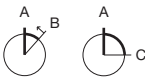
Dimensions [mm]
P3 = Plug-in terminal 6.3 x 0.8 mm,
X = Screw terminal

Product can differ from the current configuration.




Mounting cut-outs [mm]

- Additional Information**
- Front plastic black
 - Switching system snap-action element
 - The standard lock: DOM 311
 - Two keys are supplied with each key lock switch
 - Optional lock numbers on request



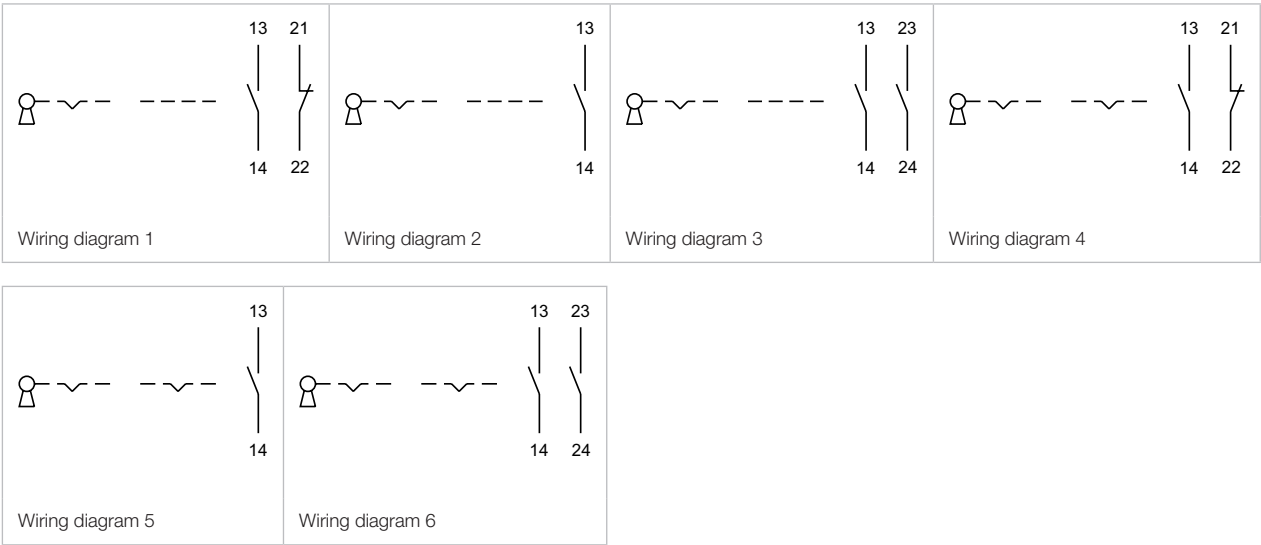
Switching positions (A = Rest, B = Momentary, C = Maintained)

Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
 Keylock switch 2 positions, Front dimension 24 x 36 mm							
1 NC + 1 NO	A - B	B = 45°	A	Screw	22-355.111D	1	0.051 kg
				Plug 6.3 x 0.8 mm	22-355.114D	1	0.046 kg
1 NO	A - B	B = 45°	A	Screw	22-351.111D	2	0.051 kg
				Plug 6.3 x 0.8 mm	22-351.114D	2	0.046 kg
2 NO	A - B	B = 45°	A	Screw	22-353.111D	3	0.051 kg
				Plug 6.3 x 0.8 mm	22-353.114D	3	0.046 kg
1 NC + 1 NO	A - C	C = 90°	A	Screw	22-335.111D	4	0.051 kg
			C	Screw	22-335.311D	4	0.051 kg
			A + C	Screw	22-335.511D	4	0.051 kg
			A	Plug 6.3 x 0.8 mm	22-335.114D	4	0.046 kg
			C	Plug 6.3 x 0.8 mm	22-335.314D	4	0.046 kg
			A + C	Plug 6.3 x 0.8 mm	22-335.514D	4	0.046 kg
1 NO	A - C	C = 90°	A	Screw	22-331.111D	5	0.051 kg
			C	Screw	22-331.311D	5	0.044 kg
			A + C	Screw	22-331.511D	5	0.044 kg
			A	Plug 6.3 x 0.8 mm	22-331.114D	5	0.046 kg
			C	Plug 6.3 x 0.8 mm	22-331.314D	5	0.044 kg
			A + C	Plug 6.3 x 0.8 mm	22-331.514D	5	0.040 kg


22 Flush design

Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
2 NO	A - C	C = 90°	A	Screw	22-333.111D	6	0.051 kg
			C	Screw	22-333.311D	6	0.051 kg
			A + C	Screw	22-333.511D	6	0.051 kg
			A	Plug 6.3 x 0.8 mm	22-333.114D	6	0.046 kg
			C	Plug 6.3 x 0.8 mm	22-333.314D	6	0.046 kg
			A + C	Plug 6.3 x 0.8 mm	22-333.514D	6	0.046 kg

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintain




Blind plug

Dimension	Mounting cut-out	Material	Colour	Part No.	Weight
 Blind plug					
24 x 36 mm	Ø 16 mm	Plastic	black	22-949.0	0.005 kg

Master key**Additional Information**

- For standard lock: DOM 311 ... 445

Part No.	Weight
 Master key	
31-989.300	0.006 kg

Spare key**Additional Information**

- For standard lock: DOM 311
- Optional lock numbers on request

Part No.	Weight
 Spare key	
31-989.311	0.006 kg

22 Technical data

Actuator with snap-action switching element

Switching system

Self-cleaning, double-break, snap-action switching system (with contact gap 2 x 1.5 mm).
Max. 2 normally closed or 2 normally open contacts, or one of each.

Material

Lens

Polymethylmethacrylate PMMA, as per UL 94 HB, Polycarbonate (PC), as per UL 94 V0

Front bezel

Polyphenylenoxide (PPO)

Material of contact

Hard silver

Actuator housing

Polyamide (PA), Polytherimide (PEI)

Mechanical characteristics

Terminals

Screw terminal (with self-lifting clip):
Max. wire cross-section 2 x 2.5 mm²
Max. wire cross-section of stranded cable 2 x 1.5 mm²

Plug-in terminal 6.3 x 0.8 mm

Actuating force

with 1 switching element 3.6 N ± 0.3 N
with 2 switching elements 6.8 N ± 0.3 N

Actuating travel

5.5 mm ± 0.2 mm

Travel

3 mm

Rebound time

≤ 3 ms

Mechanical lifetime

Illuminated pushbutton 1 million operations
Keylock switch 40 000 operations

Electrical characteristics

Contact resistance

Starting value ≤ 50 mΩ, as per IEC 60512-2-4

Isolation resistance

≥ 100 MΩ between all contacts at 100 VDC, as per IEC 60512-3-1

Switch rating

Power rating
min. 12 VAC, 50 mA
max. 400 VAC, 10 A

Switch rating AC (cos φ 0.7), service category AC-11

Voltage 125 VAC 250 VAC 380 VAC

Current 8 A 5 A 3 A

Operations ≥ 100 000

Switch rating DC (inductive) L:R = 30 ms, service category DC-11

Voltage 24 V 60 V 110 V 220 V

Current 6 A 1.5 A 0.4 A 0.2 A

Operations ≥ 100 000

Electric strength

2500 VAC, 50 Hz, 1 min. between all terminals and earth, as per IEC 60512-2-11.

Environmental conditions

Storage temperature

-40 °C ... +95 °C

Service temperature

-25 °C ... +85 °C

Protection degree

Terminal/case IP 20
Front IP 65 as per IEC 60529

Shock resistance

50 g for 11 ms, as per IEC 60512-4-3

Vibration resistance

(sinusoidal)
10 g at 10 Hz ... 2000 Hz, amplitude 0.75 mm, as per IEC 60512-4-4

Approvals

Approbations

CB (IEC 61058)
CSA
ENEC (EN 61058)
UL

Declaration of conformity

CE