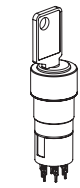


Keylock switch 2 positions, IP 65

Equipment consisting of (schematic overview)



Actuator



Front bezel set *page 62*



Anti-twist ring



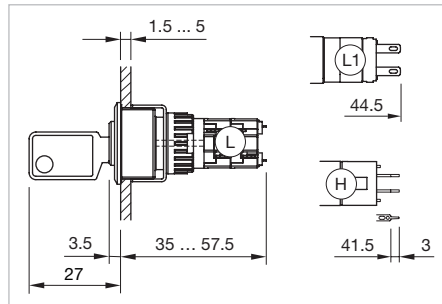
Part of front bezel set



Fixing nut

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

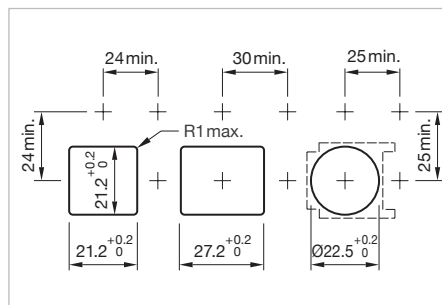
To obtain a complete unit, please select the red components from the pages shown.



Dimensions [mm]
H = Universal terminal 2.0 x 0.5 mm,
L = Solder terminal,
L1 = Solder terminal 2.8 x 0.5 mm



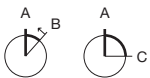
Product can differ from the current configuration.



Mounting cut-outs [mm]

Additional Information

- For front dimensions 24 x 24 mm, 24 x 30 mm, Ø 25 mm
- Front plastic black
- 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)

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Keylock switch actuator 2 positions square, flush design									
Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-458.036DF	4	1	0.027 kg
	2 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-457.036DF	4	2	0.027 kg
	1 NC + 1 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-445.036DF	4	7	0.027 kg
				C	Universal 2.0 x 0.5 mm	51-448.036DF	4	7	0.027 kg
				A + C	Universal 2.0 x 0.5 mm	51-442.036DF	4	7	0.027 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-444.036DF	4	8	0.027 kg
				C	Universal 2.0 x 0.5 mm	51-447.036DF	4	8	0.027 kg
				A + C	Universal 2.0 x 0.5 mm	51-441.036DF	4	8	0.027 kg
Snap-action switching element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-145.022DF		3	0.027 kg
				A	Solder	51-145.025D2F		3	0.027 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-146.025D2F		4	0.027 kg
	3 NC + 3 NO	A - B	B = 42°	A	Solder	51-147.025D2F		5	0.027 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-148.025D2F		6	0.027 kg
				A	Solder	51-255.025D2F		9	0.027 kg
				C	Solder	51-355.025D2F		9	0.027 kg
				A + C	Solder	51-155.025D2F		9	0.027 kg
	1 NC + 1 NO	A - C	C = 90°	A	Solder 2.8 x 0.5 mm	51-255.022DF		9	0.027 kg

51 Flush design

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Component layout	Wiring diagram	Weight
Snap-action switching element	1 NC + 1 NO	A - C	C = 90°	C	Solder 2.8 x 0.5 mm	51-355.022DF		9	0.027 kg
				A + C	Solder 2.8 x 0.5 mm	51-155.022DF		9	0.027 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-256.025D2F		10	0.027 kg
				C	Solder	51-356.025D2F		10	0.027 kg
				A + C	Solder	51-156.025D2F		10	0.027 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-257.025D2F		11	0.027 kg
				C	Solder	51-357.025D2F		11	0.027 kg
				A + C	Solder	51-157.025D2F		11	0.027 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-258.025D2F		12	0.027 kg
				C	Solder	51-358.025D2F		12	0.027 kg
				A + C	Solder	51-158.025D2F		12	0.027 kg



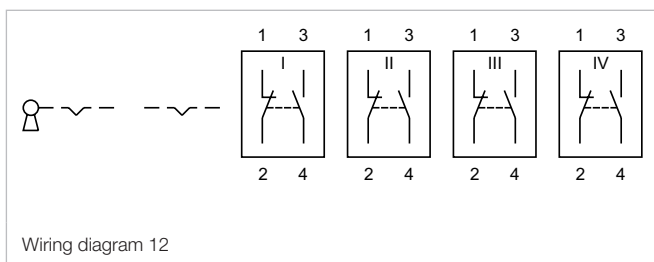
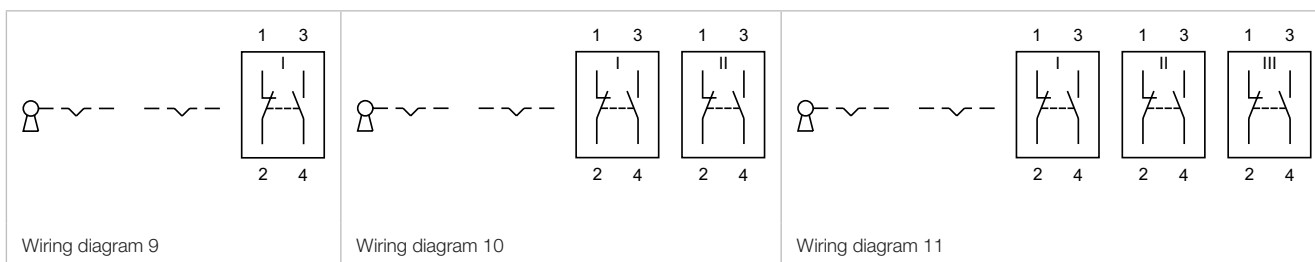
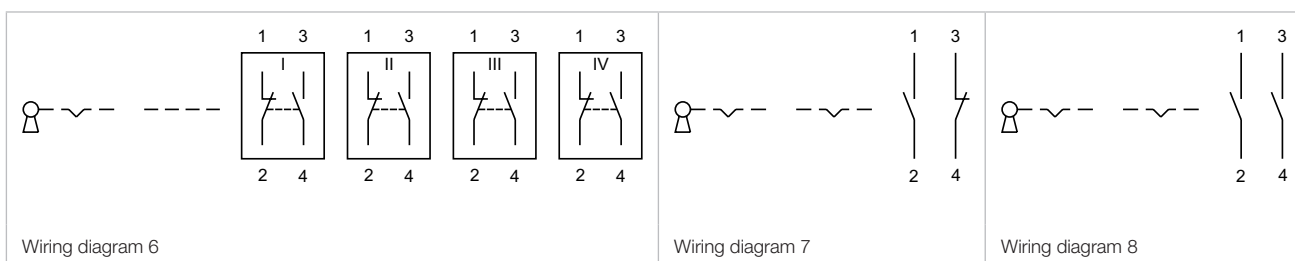
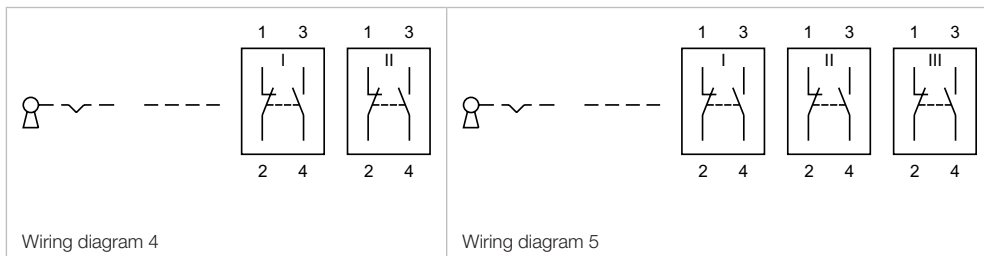
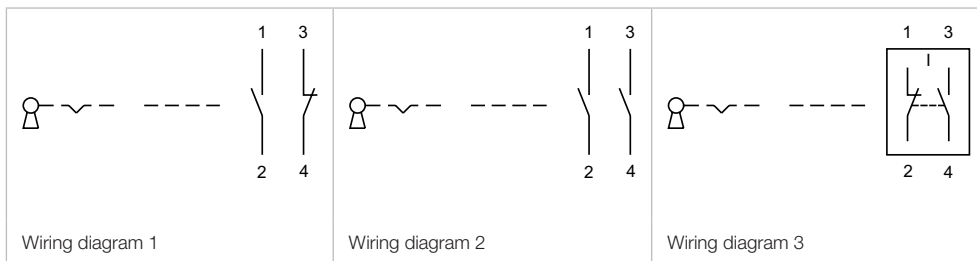
Keylock switch actuator 2 positions rectangular, flush design

Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-428.036DF	4	1	0.029 kg
	2 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-427.036DF	4	2	0.029 kg
	1 NC + 1 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-405.036DF	4	7	0.029 kg
				C	Universal 2.0 x 0.5 mm	51-408.036DF	4	7	0.029 kg
				A + C	Universal 2.0 x 0.5 mm	51-402.036DF	4	7	0.029 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-404.036DF	4	8	0.029 kg
				C	Universal 2.0 x 0.5 mm	51-407.036DF	4	8	0.029 kg
				A + C	Universal 2.0 x 0.5 mm	51-401.036DF	4	8	0.029 kg
Snap-action switching element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-495.022DF		3	0.029 kg
				A	Solder	51-495.025D2F		3	0.029 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-496.025D2F		4	0.029 kg
	3 NC + 3 NO	A - B	B = 42°	A	Solder	51-497.025D2F		5	0.029 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-498.025D2F		6	0.029 kg
				A	Solder	51-295.025D2F		9	0.029 kg
				C	Solder	51-395.025D2F		9	0.029 kg
				A + C	Solder	51-195.025D2F		9	0.029 kg
				A	Solder 2.8 x 0.5 mm	51-295.022DF		9	0.029 kg
				C	Solder 2.8 x 0.5 mm	51-395.022DF		9	0.029 kg
				A + C	Solder 2.8 x 0.5 mm	51-195.022DF		9	0.029 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-296.025D2F		10	0.029 kg
				C	Solder	51-396.025D2F		10	0.029 kg
				A + C	Solder	51-196.025D2F		10	0.029 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-297.025D2F		11	0.029 kg
				C	Solder	51-397.025D2F		11	0.029 kg
				A + C	Solder	51-197.025D2F		11	0.029 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-298.025D2F		12	0.029 kg
				C	Solder	51-398.025D2F		12	0.029 kg
				A + C	Solder	51-198.025D2F		12	0.029 kg

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Keylock switch actuator 2 positions round, flush design									
Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-438.036DF	4	1	0.026 kg
	2 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-437.036DF	4	2	0.026 kg
	1 NC + 1 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-415.036DF	4	7	0.026 kg
				C	Universal 2.0 x 0.5 mm	51-418.036DF	4	7	0.026 kg
				A + C	Universal 2.0 x 0.5 mm	51-412.036DF	4	7	0.026 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-414.036DF	4	8	0.026 kg
				C	Universal 2.0 x 0.5 mm	51-417.036DF	4	8	0.026 kg
				A + C	Universal 2.0 x 0.5 mm	51-411.036DF	4	8	0.026 kg
Snap-action switching element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-141.022DF		3	0.026 kg
				A	Solder	51-141.025D2F		3	0.026 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-142.025D2F		4	0.026 kg
	3 NC + 3 NO	A - B	B = 42°	A	Solder	51-143.025D2F		5	0.026 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-144.025D2F		6	0.026 kg
				A	Solder	51-235.025D2F		9	0.026 kg
				C	Solder	51-335.025D2F		9	0.026 kg
				A + C	Solder	51-135.025D2F		9	0.026 kg
				A	Solder 2.8 x 0.5 mm	51-235.022DF		9	0.026 kg
				C	Solder 2.8 x 0.5 mm	51-335.022DF		9	0.026 kg
				A + C	Solder 2.8 x 0.5 mm	51-135.022DF		9	0.026 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-236.025D2F		10	0.026 kg
				C	Solder	51-336.025D2F		10	0.026 kg
				A + C	Solder	51-136.025D2F		10	0.026 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-237.025D2F		11	0.026 kg
				C	Solder	51-337.025D2F		11	0.026 kg
				A + C	Solder	51-137.025D2F		11	0.026 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-238.025D2F		12	0.026 kg
				C	Solder	51-338.025D2F		12	0.026 kg
				A + C	Solder	51-138.025D2F		12	0.026 kg

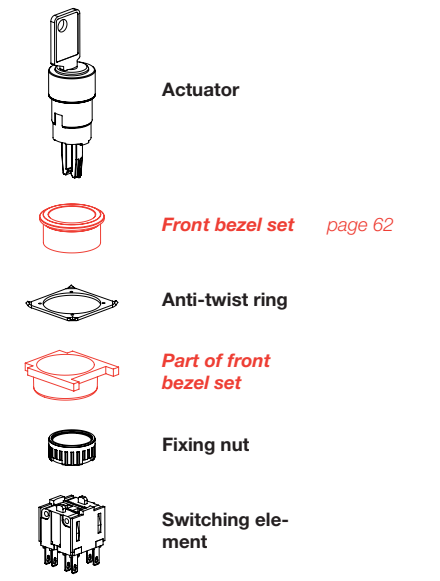
Contacts: NC = Normally closed, NO = Normally open
Switching action: A = Rest, B = Momentary, C = Maintain
The component layouts you will find from page 76

51 Flush design



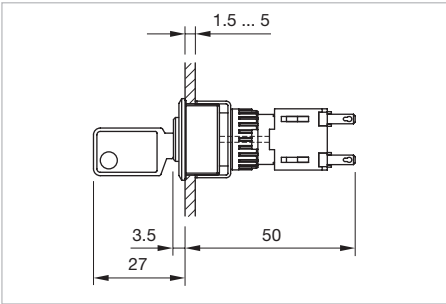
Keylock switch 3 positions, IP 65

Equipment consisting of (schematic overview)

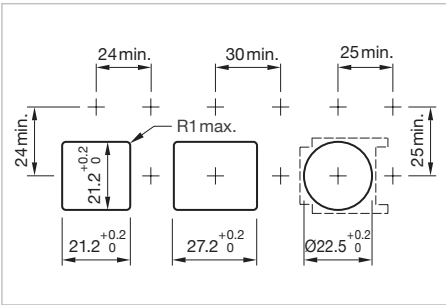


Each Part Number listed below includes all the black components shown in the 3D-drawing.

To obtain a complete unit, please select the red components from the pages shown.



Dimensions [mm]



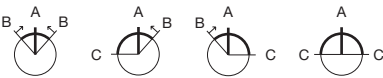
Mounting cut-outs [mm]



Product can differ from the current configuration.

Additional Information

- For front dimensions 24 x 24 mm, 24 x 30 mm, Ø 25 mm
- Front plastic black
- The standard lock: DOM 311
- Two keys are supplied with each key lock switch
- Optional lock numbers on request



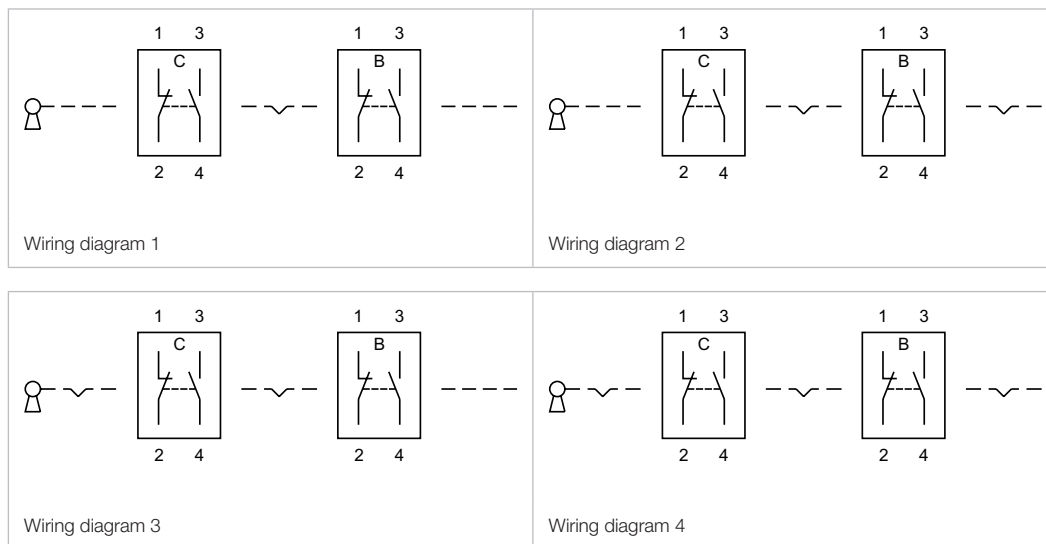
Switching positions (A = Rest, B = Momentary, C = Maintained)

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
 Keylock switch actuator 3 positions square, flush design								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-384.F22DF	1	0.027 kg
		C - A - B	C = 90°, B = 42°	A	Solder 2.8 x 0.5 mm	51-387.F22DF	2	0.027 kg
				C + A	Solder 2.8 x 0.5 mm	51-388.F22DF	2	0.027 kg
		B - A - C	B = 42°, C = 90°	A	Solder 2.8 x 0.5 mm	51-385.F22DF	3	0.027 kg
				A + C	Solder 2.8 x 0.5 mm	51-386.F22DF	3	0.027 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-381.F22DF	4	0.027 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-382.F22DF	4	0.027 kg
				C + C	Solder 2.8 x 0.5 mm	51-383.F22DF	4	0.027 kg

51 Flush design

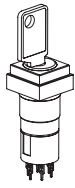
Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
 Keylock switch actuator 3 positions rectangular, flush design								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-384.F22DF	1	0.027 kg
		C - A - B	C = 90°, B = 42°	A	Solder 2.8 x 0.5 mm	51-387.F22DF	2	0.027 kg
				C + A	Solder 2.8 x 0.5 mm	51-388.F22DF	2	0.027 kg
		B - A - C	B = 42°, C = 90°	A	Solder 2.8 x 0.5 mm	51-385.F22DF	3	0.027 kg
				A + C	Solder 2.8 x 0.5 mm	51-386.F22DF	3	0.027 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-381.F22DF	4	0.027 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-382.F22DF	4	0.027 kg
				C + C	Solder 2.8 x 0.5 mm	51-383.F22DF	4	0.027 kg
 Keylock switch actuator 3 positions round, flush design								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-374.022DF	1	0.027 kg
		C - A - B	C = 90°, B = 42°	A	Solder 2.8 x 0.5 mm	51-377.022DF	2	0.027 kg
				C + A	Solder 2.8 x 0.5 mm	51-378.022DF	2	0.027 kg
		B - A - C	B = 42°, C = 90°	A	Solder 2.8 x 0.5 mm	51-375.022DF	3	0.027 kg
				A + C	Solder 2.8 x 0.5 mm	51-376.022DF	3	0.027 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-371.022DF	4	0.027 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-372.022DF	4	0.027 kg
				C + C	Solder 2.8 x 0.5 mm	51-373.022DF	4	0.027 kg

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



Keylock switch 2 positions, IP 65

Equipment consisting of (schematic overview)



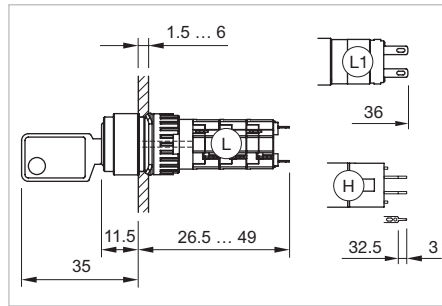
Actuator



Anti-twist ring



Fixing nut

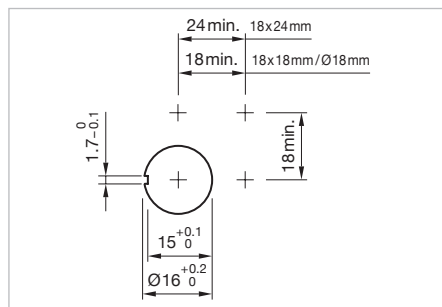


Dimensions [mm]
H = Universal terminal 2.0 x 0.5 mm,
L = Solder terminal,
L1 = Solder terminal 2.8 x 0.5 mm



Product can differ from the current configuration.

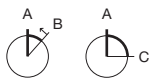
Each Part Number listed below includes all the black components shown in the 3D-drawing.



Mounting cut-outs [mm]

Additional Information

- Front plastic black
- 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)

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Compo- nent layout	Wiring diagram	Weight
 Keylock switch 2 positions, Front dimension 18 x 18 mm									
Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-458.036D	4	1	0.017 kg
	2 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-457.036D	4	2	0.017 kg
	1 NC + 1 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-445.036D	4	7	0.017 kg
				C	Universal 2.0 x 0.5 mm	51-448.036D	4	7	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-442.036D	4	7	0.017 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-444.036D	4	8	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-441.036D	4	8	0.017 kg
Snap-action switch- ing element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-145.022D		3	0.016 kg
				A	Solder	51-145.025D2		3	0.016 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-146.025D2		4	0.016 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-148.025D2		6	0.016 kg
	1 NC + 1 NO	A - C	C = 90°	A	Solder	51-255.025D2		9	0.016 kg
				C	Solder	51-355.025D2		9	0.016 kg
				A + C	Solder	51-155.025D2		9	0.016 kg
				A	Solder 2.8 x 0.5 mm	51-255.022D		9	0.016 kg
				C	Solder 2.8 x 0.5 mm	51-355.022D		9	0.016 kg

51 Raised design

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Component layout	Wiring diagram	Weight
Snap-action switching element	1 NC + 1 NO	A - C	C = 90°	A + C	Solder 2.8 x 0.5 mm	51-155.022D		9	0.016 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-256.025D2		10	0.016 kg
				C	Solder	51-356.025D2		10	0.016 kg
				A + C	Solder	51-156.025D2		10	0.016 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-257.025D2		11	0.016 kg
				A + C	Solder	51-157.025D2		11	0.016 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-258.025D2		12	0.016 kg
				C	Solder	51-358.025D2		12	0.016 kg
				A + C	Solder	51-158.025D2		12	0.016 kg



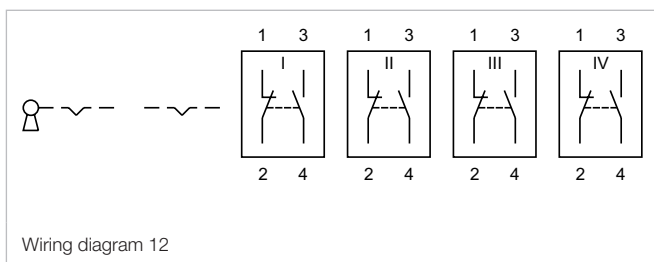
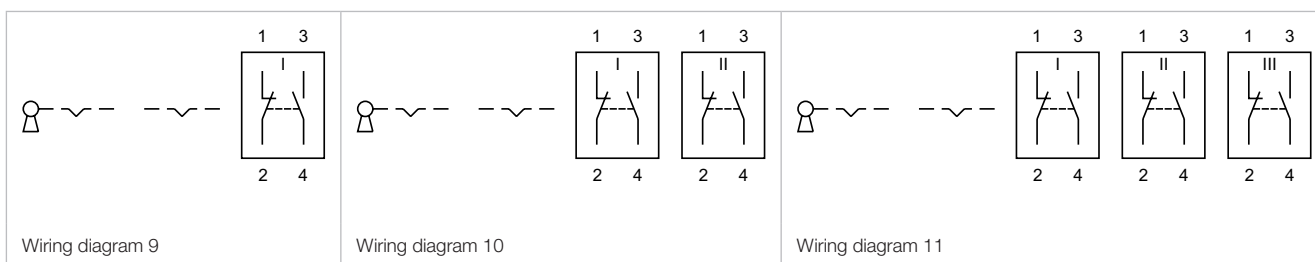
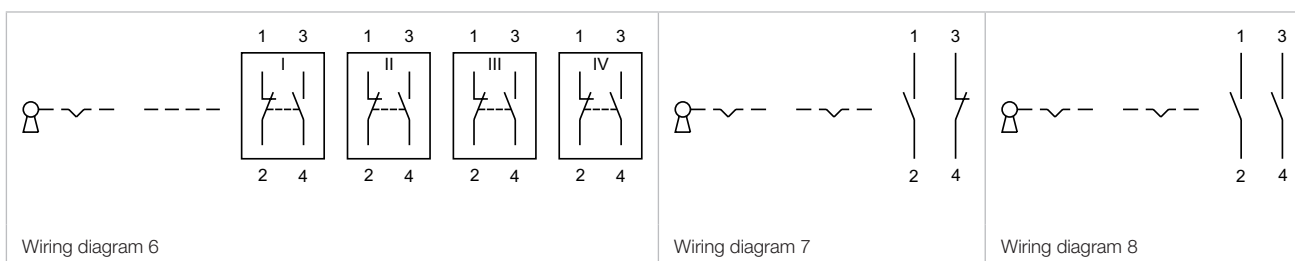
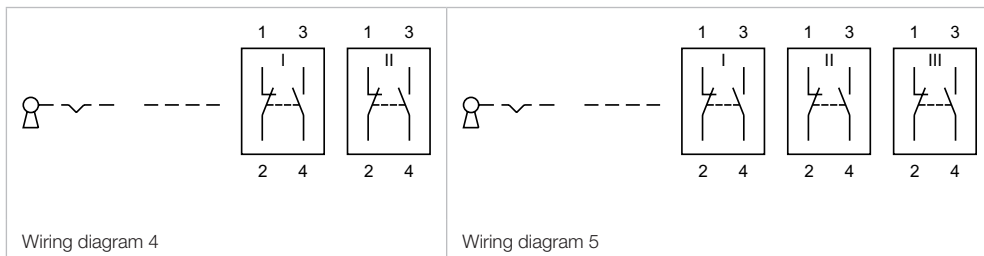
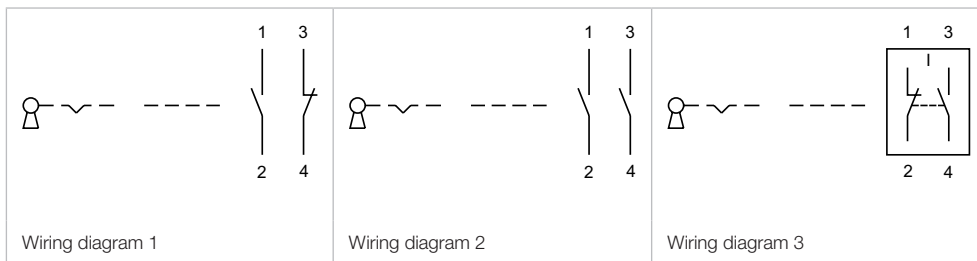
Keylock switch 2 positions, Front dimension 18 x 24 mm

Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-428.036D	4	1	0.017 kg
	2 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-427.036D	4	2	0.017 kg
	1 NC + 1 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-405.036D	4	7	0.017 kg
				C	Universal 2.0 x 0.5 mm	51-408.036D	4	7	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-402.036D	4	7	0.017 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-404.036D	4	8	0.017 kg
				C	Universal 2.0 x 0.5 mm	51-407.036D	4	8	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-401.036D	4	8	0.017 kg
Snap-action switching element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-495.022D		3	0.016 kg
				A	Solder	51-495.025D2		3	0.016 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-496.025D2		4	0.016 kg
	3 NC + 3 NO	A - B	B = 42°	A	Solder	51-497.025D2		5	0.016 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-498.025D2		6	0.016 kg
	1 NC + 1 NO	A - C	C = 90°	A	Solder	51-295.025D2		9	0.016 kg
				C	Solder	51-395.025D2		9	0.016 kg
				A + C	Solder	51-195.025D2		9	0.016 kg
				A	Solder 2.8 x 0.5 mm	51-295.022D		9	0.016 kg
				C	Solder 2.8 x 0.5 mm	51-395.022D		9	0.016 kg
				A + C	Solder 2.8 x 0.5 mm	51-195.022D		9	0.016 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-296.025D2		10	0.016 kg
				C	Solder	51-396.025D2		10	0.016 kg
				A + C	Solder	51-196.025D2		10	0.016 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-297.025D2		11	0.016 kg
				C	Solder	51-397.025D2		11	0.016 kg
				A + C	Solder	51-197.025D2		11	0.016 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-298.025D2		12	0.016 kg
				A + C	Solder	51-198.025D2		12	0.016 kg

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Keylock switch 2 positions, Front dimension Ø 18 mm									
Low-level element	1 NC + 1 NO	A - B	B = 42°	A	Universal 2.0 x 0.5 mm	51-438.036D	4	1	0.017 kg
		A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-415.036D	4	7	0.017 kg
				C	Universal 2.0 x 0.5 mm	51-418.036D	4	7	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-412.036D	4	7	0.017 kg
	2 NO	A - C	C = 90°	A	Universal 2.0 x 0.5 mm	51-414.036D	4	8	0.017 kg
				A + C	Universal 2.0 x 0.5 mm	51-411.036D	4	8	0.017 kg
Snap-action switching element	1 NC + 1 NO	A - B	B = 42°	A	Solder 2.8 x 0.5 mm	51-141.022D		3	0.016 kg
				A	Solder	51-141.025D2		3	0.016 kg
	2 NC + 2 NO	A - B	B = 42°	A	Solder	51-142.025D2		4	0.016 kg
	3 NC + 3 NO	A - B	B = 42°	A	Solder	51-143.025D2		5	0.016 kg
	4 NC + 4 NO	A - B	B = 42°	A	Solder	51-144.025D2		6	0.016 kg
	1 NC + 1 NO	A - C	C = 90°	A	Solder	51-235.025D2		9	0.016 kg
				C	Solder	51-335.025D2		9	0.016 kg
				A + C	Solder	51-135.025D2		9	0.016 kg
				A	Solder 2.8 x 0.5 mm	51-235.022D		9	0.016 kg
				C	Solder 2.8 x 0.5 mm	51-335.022D		9	0.016 kg
				A + C	Solder 2.8 x 0.5 mm	51-135.022D		9	0.016 kg
	2 NC + 2 NO	A - C	C = 90°	A	Solder	51-236.025D2		10	0.016 kg
				C	Solder	51-336.025D2		10	0.016 kg
				A + C	Solder	51-136.025D2		10	0.016 kg
	3 NC + 3 NO	A - C	C = 90°	A	Solder	51-237.025D2		11	0.016 kg
				A + C	Solder	51-137.025D2		11	0.016 kg
	4 NC + 4 NO	A - C	C = 90°	A	Solder	51-238.025D2		12	0.016 kg
				C	Solder	51-338.025D2		12	0.016 kg
				A + C	Solder	51-138.025D2		12	0.016 kg

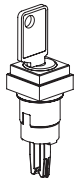
Contacts: NC = Normally closed, NO = Normally open
Switching action: A = Rest, B = Momentary, C = Maintain
The component layouts you will find from page 76

51 Raised design



Keylock switch 3 positions, IP 65

Equipment consisting of (schematic overview)



Actuator



Anti-twist ring

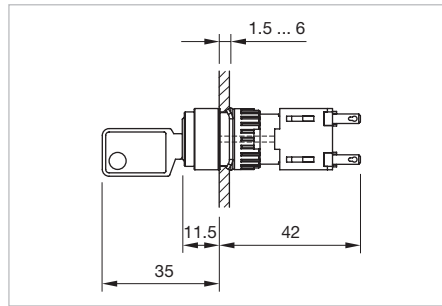


Fixing nut

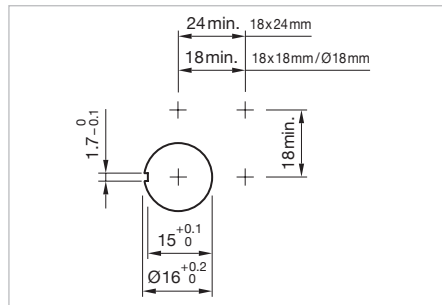


Switching element

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



Dimensions [mm]



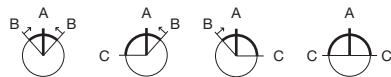
Mounting cut-outs [mm]



Product can differ from the current configuration.

Additional Information

- Front plastic black
- The standard lock: DOM 311
- Two keys are supplied with each key lock switch
- Optional lock numbers on request



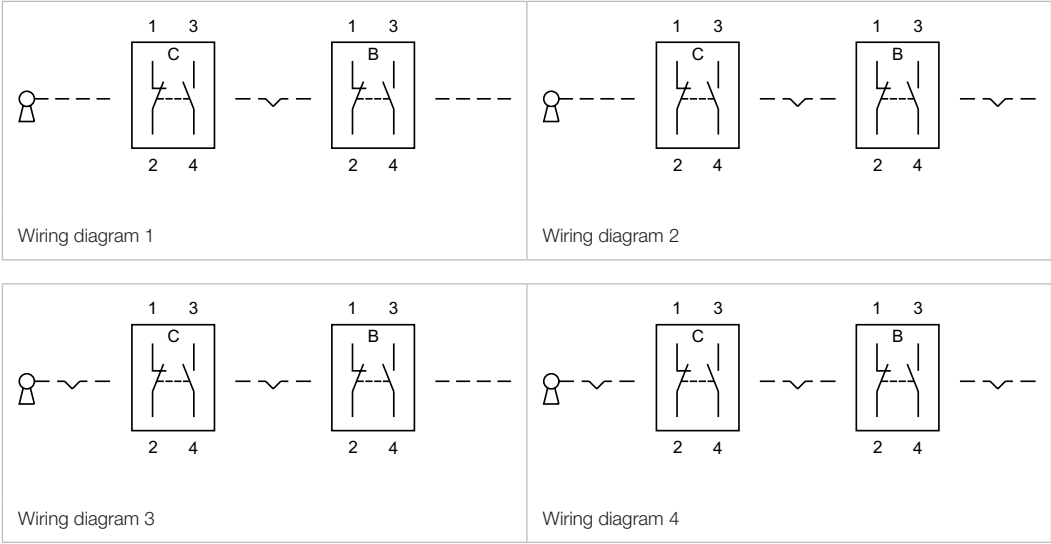
Switching positions (A = Rest, B = Momentary, C = Maintained)

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
 Keylock switch 3 positions, Front dimension 18 x 18 mm								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-384.022D	1	0.025 kg
		C - A - B	C = 90°, B = 42°	C + A	Solder 2.8 x 0.5 mm	51-388.022D	3	0.025 kg
		B - A - C	B = 42°, C = 90°	A	Solder 2.8 x 0.5 mm	51-385.022D	2	0.025 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-381.022D	4	0.025 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-382.022D	4	0.025 kg
 Keylock switch 3 positions, Front dimension 18 x 24 mm								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-364.022D	1	0.025 kg
		B - A - C	B = 42°, C = 90°	A	Solder 2.8 x 0.5 mm	51-365.022D	2	0.025 kg
				A + C	Solder 2.8 x 0.5 mm	51-366.022D	2	0.025 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-361.022D	4	0.025 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-362.F22D	4	0.025 kg
				C + C	Solder 2.8 x 0.5 mm	51-363.F22D	4	0.025 kg

51 Raised design

Switching system	Contacts	Switching action	Switching angle	Key remove	Terminal	Part No.	Wiring diagram	Weight
 Keylock switch 3 positions, Front dimension Ø 18 mm								
Snap-action switching element	2 NC + 2 NO	B - A - B	B = 42° / 42°	A	Solder 2.8 x 0.5 mm	51-374.F22D	1	0.025 kg
		C - A - B	C = 90°, B = 42°	A	Solder 2.8 x 0.5 mm	51-377.F22D	3	0.025 kg
				C + A	Solder 2.8 x 0.5 mm	51-378.F22D	3	0.025 kg
		B - A - C	B = 42°, C = 90°	A + C	Solder 2.8 x 0.5 mm	51-376.F22D	2	0.025 kg
		C - A - C	C = 90° / 90°	A	Solder 2.8 x 0.5 mm	51-371.F22D	4	0.025 kg
				C + A + C	Solder 2.8 x 0.5 mm	51-372.F22D	4	0.025 kg
				C + C	Solder 2.8 x 0.5 mm	51-373.F22D	4	0.025 kg

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



Front bezel set keylock switch

Additional Information

- The Dimensions [mm] of the Mounting cut-outs [mm] are shown in the product details
- For the round front bezel sets the anti-twist ring is part of the sales-package
- The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-out	Front bezel	Part No.	Weight
 Front bezel set for keylock switch, flush design, Front dimension 24 x 24 mm			
	Plastic black	61-9930.0	0.008 kg
	Plastic silver	61-9930.4	0.008 kg
 Front bezel set for keylock switch, flush design, Front dimension 24 x 30 mm			
	Plastic black	61-9931.0	0.008 kg
	Plastic silver	61-9931.4	0.008 kg
 Front bezel set for keylock switch, flush design, Front dimension Ø 25 mm			
	Aluminium natural anodized	61-9932.0	0.006 kg
	Aluminium black anodized	61-9932.1	0.006 kg
	Aluminium red anodized	61-9932.2	0.006 kg
	Aluminium gold anodized	61-9932.4	0.006 kg
	Aluminium olive-green anodized	61-9932.5	0.006 kg
	Aluminium blue anodized	61-9932.6	0.006 kg
	Plastic black	61-9932.10	0.008 kg

51 Accessories

Blind plug raised design

Additional Information

- The dimensions of the mounting cut-outs are shown in the product details
- Blind plugs fit also in mounting cut-outs with anti-twist device

Dimension	Mounting cut-out	Material	Colour	Part No.	Weight
 Blind plug raised design					
18 x 18 mm	Ø 16 mm	Plastic	black	51-948.0	0.003 kg
 Blind plug raised design					
18 x 24 mm	Ø 16 mm	Plastic	black	51-947.0	0.003 kg
 Blind plug raised design					
Ø 18 mm	Ø 16 mm	Plastic	black	51-949.0	0.003 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

EMC key protection cap

Additional Information

- Plastic black
- For standard lock: DOM

Part No.	Weight
 EMC key protection cap	
31-985.0	0.005 kg

Actuator with snap-action switching element block (Keylock- and Selector switch 3 positions)

Switching system

Self-cleaning, double-break snap action switching system
1 normally closed and 1 normally open contact per element.

Material

Material of contact

Gold plated hardsilver

Switch housing

Diallylphthalate (DAP), heat-resistant and self-extinguishing

Actuator housing

Polyetherimide, self-extinguishing

Mechanical characteristics

Terminals

Soldering terminal which can also be used as plug-in terminal
2.8 x 0.5mm:
Max. wire diameter 2 wires of 1 mm
Max. wire cross-section of stranded cable 2 x 0.75 mm²

Tightening torque

for fixing nut max. 50 Ncm

Actuating torque

2.5 Ncm...5.5 Ncm, depending on the number of switching elements. Measured at the key or lever of the keylock- or selector switch.

Actuating travel

Keylock-/selector switch actuator with 3 positions
2 x ca. 42° deflection momentary action
2 x ca. 90° deflection maintained action

Rebound time

≤ 5 ms

Mechanical lifetime

Keylock switch 50 000 cycles of operation
Selector switch 100 000 cycles of operation

Electrical characteristics

Electrostatic discharge (ESD)

≤ 15 kV (Keylock switch)

Conventional free air thermal current

5 A

The maximum current in continuous operation and at ambient temperature not exceeding the quoted maximum values.

Switch rating

250 VAC, 5 A (cosφ 0.75)

Electric strength

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

Protection class

II

Environmental conditions

Storage temperature

-40 °C...+85 °C

Service temperature

-25 °C...+55 °C

for selector switches mounted as a block, make sure the heat can escape freely

Protection degree

Front side, as per IEC 60529
IP 65 keylock switch
IP 40 selector switch

Approvals

Approbations

CB (IEC 61058)
CSA
CQC
ENEC (EN 61058)
Germanischer Lloyd
UL

Declaration of conformity

CE