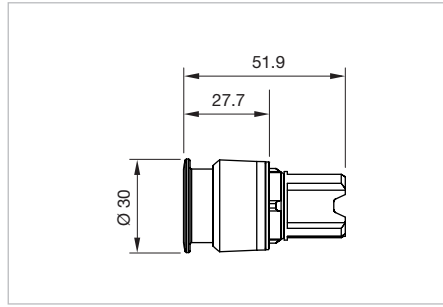


45 Raised design

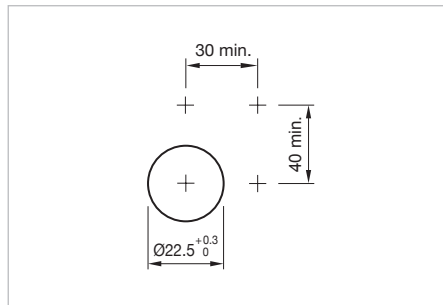
Mushroom-head pushbutton Ø 30 mm, IP66, IP67, IP69K



Product can differ from the current configuration.

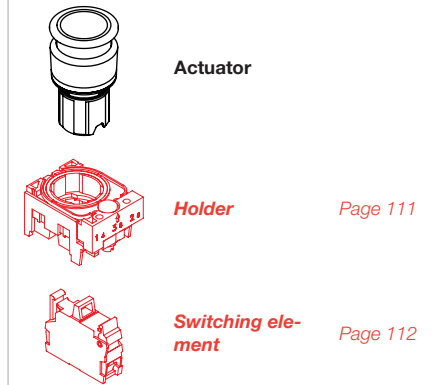


Dimensions [mm]








Mounting cut-outs [mm]










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.



Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic black	Plastic	C	45-2530.1810.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic red	Plastic	C	45-2530.1820.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic yellow	Plastic	C	45-2530.1840.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic black	Plastic	B	45-2531.1810.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic red	Plastic	B	45-2531.1820.000	1	0.020 kg

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic yellow	Plastic	B	45-2531.1840.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic green	Plastic	B	45-2531.1850.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal sandgrey	Plastic black	Plastic	C	45-2530.3810.000	2	0.034 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal sandgrey	Plastic red	Plastic	C	45-2530.3820.000	2	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic black	Plastic	B	45-2531.3810.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic red	Plastic	B	45-2531.3820.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic yellow	Plastic	B	45-2531.3840.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic green	Plastic	B	45-2531.3850.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic black	Metal	C	45-2530.2810.000	2	0.052 kg

45 Raised design

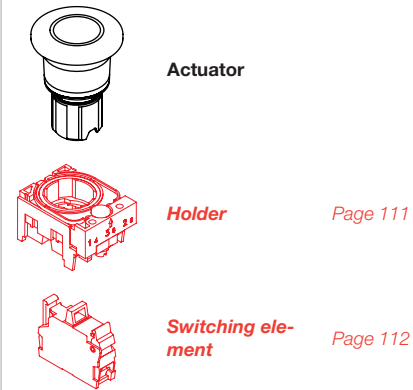
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic red	Metal	C	45-2530.2820.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic black	Metal	B	45-2531.2810.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic red	Metal	B	45-2531.2820.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic yellow	Metal	B	45-2531.2840.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic green	Metal	B	45-2531.2850.000	1	0.052 kg

Switching action: B = Momentary, C = Maintain

	
Wiring diagram 1	Wiring diagram 2

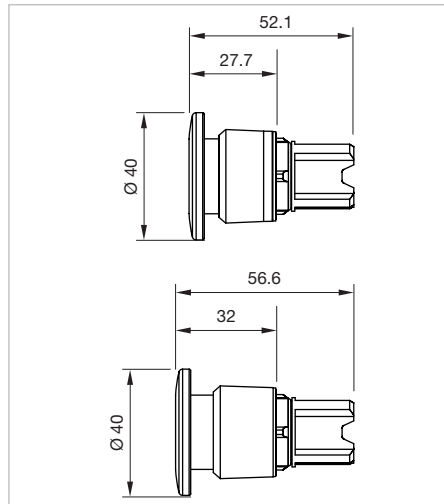
Mushroom-head pushbutton Ø 40 mm, IP66, IP67, IP69K

Equipment consisting of (schematic overview)



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

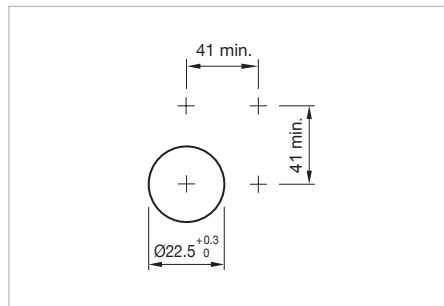
To obtain a complete unit, please select the red components from the pages shown.



Dimensions [mm]












Product can differ from the current configuration.












Mounting cut-outs [mm]




Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic black	Plastic	C	45-2530.1910.000	2	0.022 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic red	Plastic	C	45-2530.1920.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic yellow	Plastic	C	45-2530.1940.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic green	Plastic	C	45-2530.1950.000	2	0.020 kg

45 Raised design



Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic black	Plastic	B	45-2531.1910.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic red	Plastic	B	45-2531.1920.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic yellow	Plastic	B	45-2531.1940.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic green	Plastic	B	45-2531.1950.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal sandgrey	Plastic black	Plastic	C	45-2530.3910.000	2	0.034 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal sandgrey	Plastic red	Plastic	C	45-2530.3920.000	2	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic black	Plastic	B	45-2531.3910.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic red	Plastic	B	45-2531.3920.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic yellow	Plastic	B	45-2531.3940.000	1	0.034 kg

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic green	Plastic	B	45-2531.3950.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic black	Metal	C	45-2530.2910.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red	Metal	C	45-2530.2920.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic yellow	Metal	C	45-2530.2940.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic black	Metal	B	45-2531.2910.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic red	Metal	B	45-2531.2920.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic yellow	Metal	B	45-2531.2940.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic green	Metal	B	45-2531.2950.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic black	Metal	B/C	45-2532.2910.000	3	0.052 kg

45 Raised design

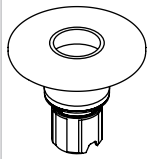
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red	Metal	B/C	45-2532.2920.000	3	0.052 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic black	Metal	B/C	45-2533.2910.000	3	0.052 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red	Metal	B/C	45-2533.2920.000	3	0.052 kg

Switching action: B = Momentary, C = Maintain, B/C = Momentary/Maintain

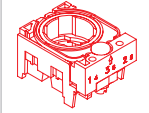
	
Wiring diagram 1	Wiring diagram 2

Mushroom-head pushbutton Ø 60 mm, IP66, IP67, IP69K

Equipment consisting of (schematic overview)

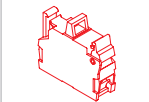


Actuator



Holder

Page 111

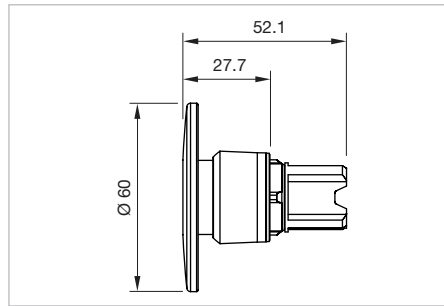


Switching element

Page 112

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

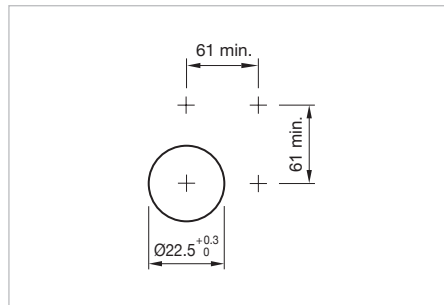
To obtain a complete unit, please select the red components from the pages shown.



Dimensions [mm]










Product can differ from the current configuration.





Mounting cut-outs [mm]

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Plastic black	Plastic black	Plastic	C	45-2530.1A10.000	2	0.022 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Plastic black	Plastic red	Plastic	C	45-2530.1A20.000	2	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Plastic black	Plastic black	Plastic	B	45-2531.1A10.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Plastic black	Plastic red	Plastic	B	45-2531.1A20.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Plastic black	Plastic yellow	Plastic	B	45-2531.1A40.000	1	0.020 kg

45 Raised design

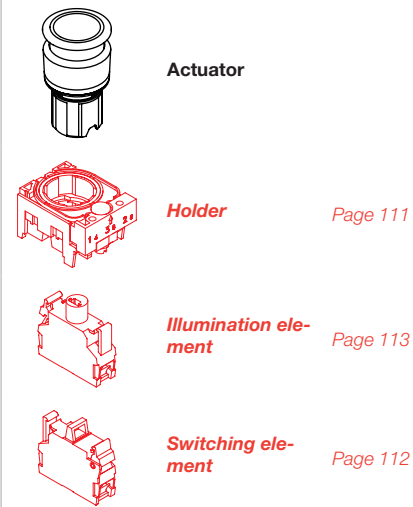
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Plastic black	Plastic green	Plastic	B	45-2531.1A50.000	1	0.020 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic black	Metal	C	45-2530.2A10.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic red	Metal	C	45-2530.2A20.000	2	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic black	Metal	B	45-2531.2A10.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic red	Metal	B	45-2531.2A20.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic yellow	Metal	B	45-2531.2A40.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic green	Metal	B	45-2531.2A50.000	1	0.052 kg

Switching action: B = Momentary, C = Maintain

	
Wiring diagram 1	Wiring diagram 2

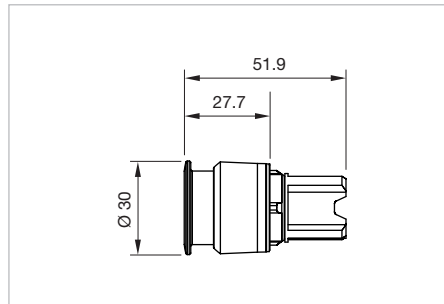
Mushroom-head pushbutton Ø 30 mm, illuminated, IP66, IP67, IP69K

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]












Product can differ from the current configuration.










Mounting cut-outs [mm]




Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic red transparent	Plastic	C	45-2630.18E0.000	1	0.027 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic yellow transparent	Plastic	C	45-2630.18G0.000	1	0.027 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic green transparent	Plastic	C	45-2630.18H0.000	1	0.027 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic blue transparent	Plastic	C	45-2630.18J0.000	1	0.027 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Plastic black	Plastic colourless transparent	Plastic	C	45-2630.18K0.000	1	0.027 kg

45 Raised design

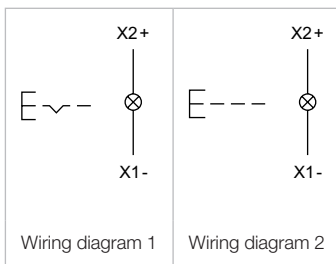
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic red transparent	Plastic	B	45-2631.18E0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic yellow transparent	Plastic	B	45-2631.18G0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic green transparent	Plastic	B	45-2631.18H0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic blue transparent	Plastic	B	45-2631.18J0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic colourless transparent	Plastic	B	45-2631.18K0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Plastic black	Plastic white transparent	Plastic	B	45-2631.18N0.000	2	0.033 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal sandgrey	Plastic red transparent	Plastic	C	45-2630.38E0.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal sandgrey	Plastic yellow transparent	Plastic	C	45-2630.38G0.000	1	0.034 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic yellow transparent	Plastic	B	45-2631.38G0.000	2	0.026 kg

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic green transparent	Plastic	B	45-2631.38H0.000	2	0.026 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic colourless transparent	Plastic	B	45-2631.38K0.000	2	0.026 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal sandgrey	Plastic white transparent	Plastic	B	45-2631.38N0.000	2	0.026 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic amber transparent	Metal	C	45-2630.28F0.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic red transparent	Metal	C	45-2630.28E0.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic yellow transparent	Metal	C	45-2630.28G0.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic green transparent	Metal	C	45-2630.28H0.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic blue transparent	Metal	C	45-2630.28J0.000	1	0.052 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 30 mm					
Metal silver	Plastic colourless transparent	Metal	C	45-2630.28K0.000	1	0.052 kg

45 Raised design

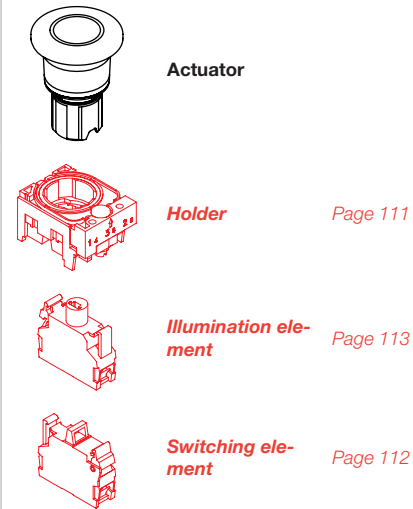
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic yellow transparent	Metal	B	45-2631.28G0.000	2	0.041 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic green transparent	Metal	B	45-2631.28H0.000	2	0.041 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 30 mm					
Metal silver	Plastic white transparent	Metal	B	45-2631.28N0.000	2	0.041 kg

Switching action: B = Momentary, C = Maintain



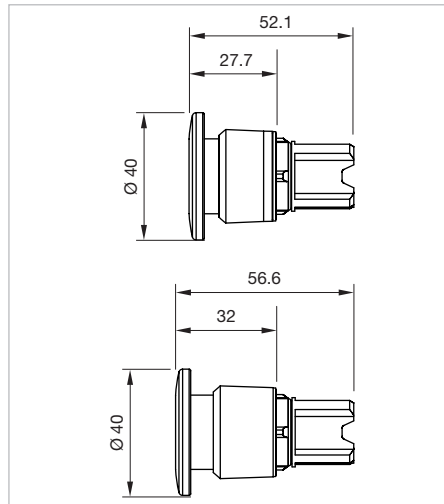
Mushroom-head pushbutton Ø 40 mm, illuminated, IP66, IP67, IP69K

Equipment consisting of (schematic overview)

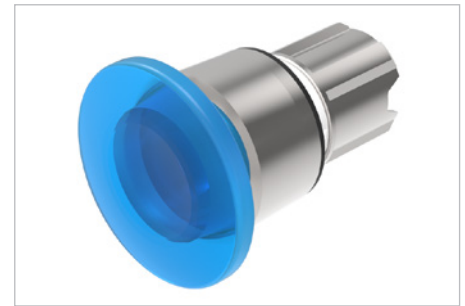


Each Part Number listed below includes all the black components shown in the 3D-drawing.

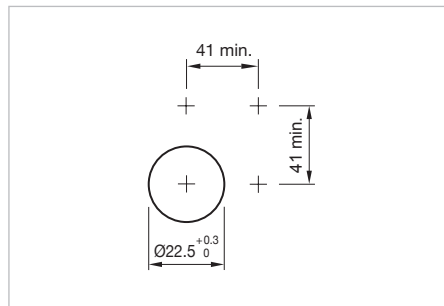
To obtain a complete unit, please select the red components from the pages shown.







Dimensions [mm]












Product can differ from the current configuration.












Mounting cut-outs [mm]








Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic red transparent	Plastic	C	45-2630.19E0.000	1	0.028 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic yellow transparent	Plastic	C	45-2630.19G0.000	1	0.028 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic green transparent	Plastic	C	45-2630.19H0.000	1	0.028 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic blue transparent	Plastic	C	45-2630.19J0.000	1	0.028 kg

45 Raised design

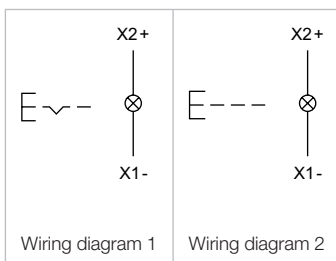
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Plastic black	Plastic colourless transparent	Plastic	C	45-2630.19K0.000	1	0.028 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic yellow transparent	Plastic	B	45-2631.19G0.000	2	0.019 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic green transparent	Plastic	B	45-2631.19H0.000	2	0.019 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic colourless transparent	Plastic	B	45-2631.19K0.000	2	0.019 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Plastic black	Plastic white transparent	Plastic	B	45-2631.19N0.000	2	0.019 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal sandgrey	Plastic red transparent	Plastic	C	45-2630.39E0.000	1	0.035 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal sandgrey	Plastic yellow transparent	Plastic	C	45-2630.39G0.000	1	0.035 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic yellow transparent	Plastic	B	45-2631.39G0.000	2	0.028 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic green transparent	Plastic	B	45-2631.39H0.000	2	0.028 kg

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic colourless transparent	Plastic	B	45-2631.39K0.000	2	0.028 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal sandgrey	Plastic white transparent	Plastic	B	45-2631.39N0.000	2	0.028 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red transparent	Metal	C	45-2630.29E0.000	1	0.035 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic amber transparent	Metal	C	45-2630.29F0.000	1	0.053 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic yellow transparent	Metal	C	45-2630.29G0.000	1	0.053 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic green transparent	Metal	C	45-2630.29H0.000	1	0.053 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic blue transparent	Metal	C	45-2630.29J0.000	1	0.053 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic colourless transparent	Metal	C	45-2630.29K0.000	1	0.053 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic amber transparent	Metal	B	45-2631.29F0.000	2	0.042 kg

45 Raised design

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic yellow transparent	Metal	B	45-2631.29G0.000	2	0.042 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic green transparent	Metal	B	45-2631.29H0.000	2	0.042 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 40 mm					
Metal silver	Plastic white transparent	Metal	B	45-2631.29N0.000	2	0.042 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red transparent	Metal	B/C	45-2632.29E0.000	3	0.051 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic green transparent	Metal	B/C	45-2632.29H0.000	3	0.051 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic red transparent	Metal	B/C	45-2633.29E0.000	3	0.051 kg
	Mushroom-head pushbutton actuator, Momentary/Maintain, Front dimension Ø 40 mm					
Metal silver	Plastic white transparent	Metal	B/C	45-2633.29N0.000	3	0.051 kg

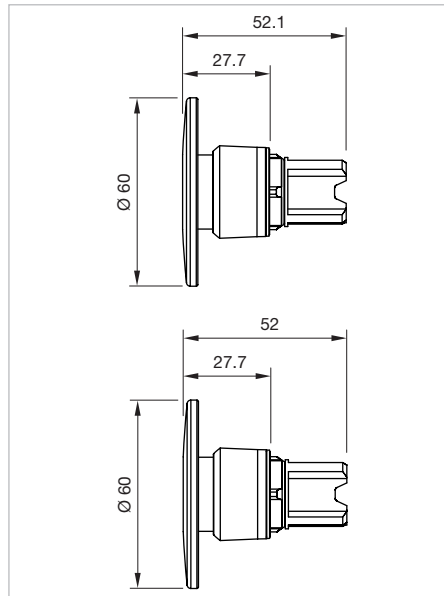
Switching action: B = Momentary, C = Maintain, B/C = Momentary/Maintain



Mushroom-head pushbutton Ø 60 mm, illuminated, IP66, IP67, IP69K

Equipment consisting of (schematic overview)

- Actuator**
- Holder** Page 111
- Illumination element** Page 113
- Switching element** Page 112

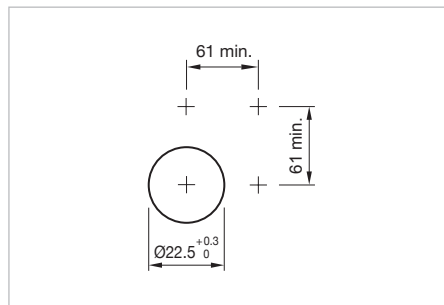


Product can differ from the current configuration.




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]



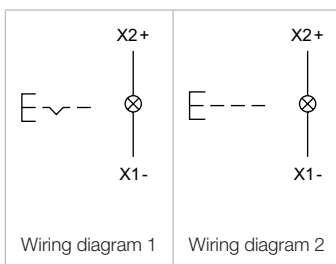
Mounting cut-outs [mm]

Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic red transparent	Metal	C	45-2630.2AE0.000	1	0.057 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic yellow transparent	Metal	C	45-2630.2AG0.000	1	0.057 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic green transparent	Metal	C	45-2630.2AH0.000	1	0.057 kg

45 Raised design

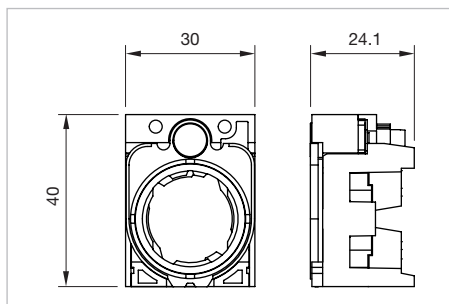
Front ring	Lens	Housing material	Switching action	Part No.	Wiring diagram	Weight
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic blue transparent	Metal	C	45-2630.2AJ0.000	1	0.057 kg
	Mushroom-head pushbutton actuator, Maintain, Front dimension Ø 60 mm					
Metal silver	Plastic colourless transparent	Metal	C	45-2630.2AK0.000	1	0.057 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic amber transparent	Metal	B	45-2631.2AF0.000	2	0.045 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic yellow transparent	Metal	B	45-2631.2AG0.000	2	0.045 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic green transparent	Metal	B	45-2631.2AH0.000	2	0.045 kg
	Mushroom-head pushbutton actuator, Momentary, Front dimension Ø 60 mm					
Metal silver	Plastic white transparent	Metal	B	45-2631.2AN0.000	2	0.045 kg

Switching action: B = Momentary, C = Maintain





Rear side

Holder for 3 elements

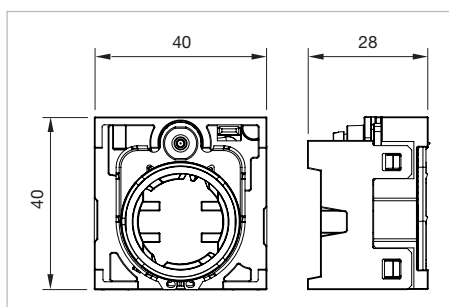


Dimensions [mm]


Material	Part No.	Component layout	Weight
 <p>Holder for 3 switching elements</p>			
Plastic	45-2300.1000.000	2	0.028 kg
 <p>Holder for 3 switching elements</p>			
Metal	45-2300.2000.000	2	0.046 kg

The component layouts you will find from Page 116


Holder for 4 elements



Dimensions [mm]

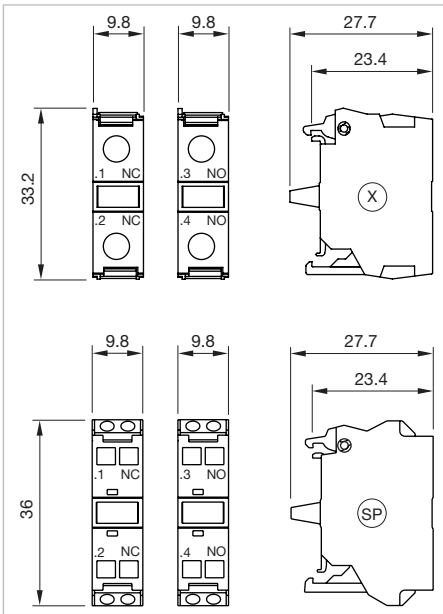
Material	Part No.	Component layout	Weight
 <p>Holder for 4 switching elements</p>			
Plastic	45-2400.1000.000	3	0.028 kg

45 Accessories

Material	Part No.	Component layout	Weight
 <p>Holder for 4 switching elements</p>			
Metal	45-2400.2000.000	3	0.046 kg



The component layouts you will find from Page 116

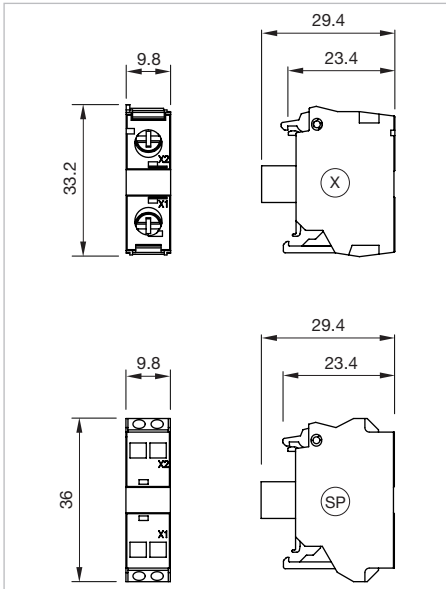
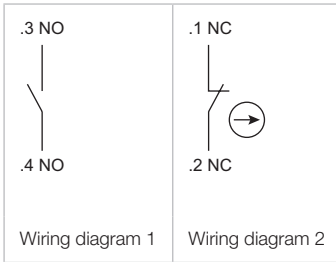
Switching element front mounting




Dimensions [mm]

X = Screw terminal, SP = Spring-type terminal

Switching current	Contacts	Contact material	Terminal	Part No.	Wiring diagram	Weight
 <p>Switching element</p>						
10 A	1 NO	Silver	Screw	45-311.1Z10	1	0.010 kg
10 A	1 NC	Silver	Screw	45-312.1Z10	2	0.010 kg
 <p>Switching element</p>						
10 A	1 NO	Silver	Spring-type terminal	45-311.1Z40	1	0.010 kg
10 A	1 NC	Silver	Spring-type terminal	45-312.1Z40	2	0.010 kg



Dimensions [mm]
 X = Screw terminal, SP = Spring-type terminal

LED colour	Operating voltage	Terminal	Part No.	Wiring diagram	Weight
 <p>Illumination element</p>					
red	24 VAC/DC	Screw	45-320.1E16	1	0.009 kg
amber	24 VAC/DC	Screw	45-320.1F16	1	0.009 kg
yellow	24 VAC/DC	Screw	45-320.1G16	1	0.009 kg
green	24 VAC/DC	Screw	45-320.1H16	1	0.009 kg
blue	24 VAC/DC	Screw	45-320.1J16	1	0.009 kg
white	24 VAC/DC	Screw	45-320.1N16	1	0.009 kg
red	230 VAC	Screw	45-320.1E18	1	0.010 kg
amber	230 VAC	Screw	45-320.1F18	1	0.010 kg
yellow	230 VAC	Screw	45-320.1G18	1	0.010 kg
green	230 VAC	Screw	45-320.1H18	1	0.010 kg
blue	230 VAC	Screw	45-320.1J18	1	0.010 kg
white	230 VAC	Screw	45-320.1N18	1	0.010 kg
red	24-240 VAC/DC	Screw	45-320.1E12	1	0.010 kg
amber	24-240 VAC/DC	Screw	45-320.1F12	1	0.010 kg
yellow	24-240 VAC/DC	Screw	45-320.1G12	1	0.010 kg
green	24-240 VAC/DC	Screw	45-320.1H12	1	0.010 kg
blue	24-240 VAC/DC	Screw	45-320.1J12	1	0.010 kg
white	24-240 VAC/DC	Screw	45-320.1N12	1	0.010 kg

Stop switch actuator

Material

Actuator element

Plastic red

Actuator housing

Plastic or metal

Mechanical characteristics

Type of unlocking device

Twist to release

Operating frequency

max. 600/h

Mechanical lifetime

300 000 switching cycles

Vibration resistance

according to IEC 60068-2-6
2 ... 500 Hz: 5 g

Shock resistance

according to IEC 60068-2-27
Sinusoidal half-wave 50 g /11 ms

Environmental conditions

Operating temperature

-25 °C ... +70 °C

Storage temperature

-40 °C ... +80 °C

Protection degree

IP66, IP67, IP69K

Environmental category

during operation according to IEC 60721:
3K6, 3C3,3S2, 3M6

Mushroom-head pushbutton actuator

Material

Actuator element

Plastic

Actuator housing

Plastic or metal

Mechanical characteristics

Type of unlocking device

Pull release

Operating frequency

- Momentary max. 3 600/h
- Maintain max. 1 800/h

Mechanical lifetime

- Momentary 10 000 000 switching cycles
- Maintain 500 000 switching cycles

Vibration resistance

according to IEC 60068-2-6
20 ... 500 Hz: 5 g

Shock resistance

according to IEC 60068-2-27
Sinusoidal half-wave 50 g /11 ms

Environmental conditions

Operating temperature

-25 °C ... +70 °C

Storage temperature

-40 °C ... +80 °C

Protection degree

IP66, IP67, IP69K

Environmental category

during operation according to IEC 60721:
3K6, 3C3,3S2, 3M6