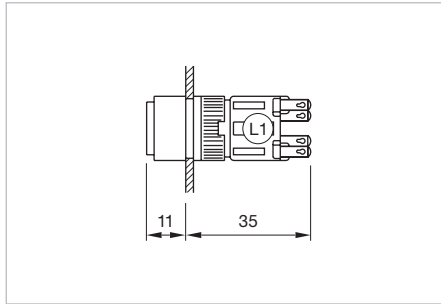


Illuminated pushbutton



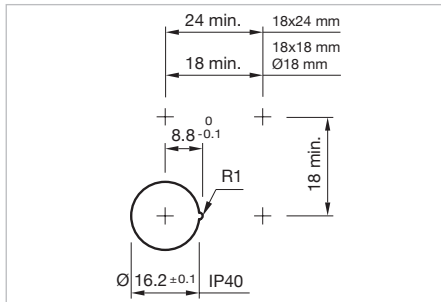
Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,

Additional Information

- For the flush design please order the additional front bezel set, see chapter «Accessories»
- With IP 65 no anti-rotation device can be placed within the mounting cut-out. For rear-side mounting of the anti-rotation device, please see chapter «Accessories», Part No. 260-0020-00 or 260-0021-00





Mounting cut-outs [mm]


Equipment consisting of (schematic overview)

	Lens	page 79
	Front bezel	page 88
	LED	page 101
	Actuator	
	Fixing nut	
	Switching element	page 95

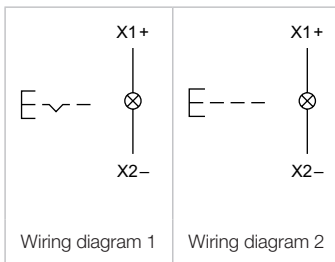
Each Part Number listed below includes all the black components shown in the 3D-drawing.

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

Product attribute	Front protection	Behind panel depth	Switching action	Lamp socket	Part No.	Wiring diagram	Weight
 <p>Illuminated pushbutton actuator, Front dimension 18 x 18 mm</p>							
Maintain to momentary action is switchable, reversible	IP 40	35 mm	C - B	T1 ¼ MG	600-4000-00	1	0.004 kg
	IP 40	35 mm	B	T1 ¼ MG	680-4000-00	2	0.004 kg
Maintain to momentary action is switchable, reversible	IP 65	35 mm	C - B	T1 ¼ MG	600-4000-W0	1	0.005 kg
	IP 65	35 mm	B	T1 ¼ MG	680-4000-W0	2	0.005 kg
 <p>Illuminated pushbutton actuator, Front dimension 18 x 24 mm</p>							
Maintain to momentary action is switchable, reversible	IP 40	35 mm	C - B	T1 ¼ MG	600-6000-00	1	0.004 kg
	IP 40	35 mm	B	T1 ¼ MG	680-6000-00	2	0.004 kg
Maintain to momentary action is switchable, reversible	IP 65	35 mm	C - B	T1 ¼ MG	600-6000-W0	1	0.005 kg
	IP 65	35 mm	B	T1 ¼ MG	680-6000-W0	2	0.005 kg

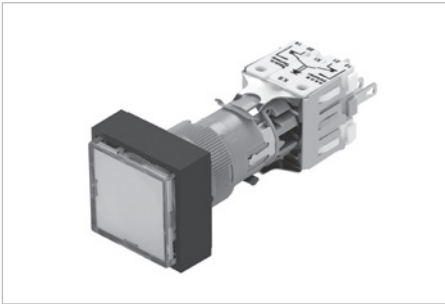
Product attribute	Front protection	Behind panel depth	Switching action	Lamp socket	Part No.	Wiring diagram	Weight
 Illuminated pushbutton actuator, Front dimension Ø 18 mm							
Maintain to momentary action is switchable, reversible	IP 40	35 mm	C - B	T1 ¼ MG	600-2000-00	1	0.004 kg
	IP 40	35 mm	B	T1 ¼ MG	680-2000-00	2	0.004 kg
Maintain to momentary action is switchable, reversible	IP 65	35 mm	C - B	T1 ¼ MG	600-2000-W0	1	0.005 kg
	IP 65	35 mm	B	T1 ¼ MG	680-2000-W0	2	0.005 kg

Switching action: B = Momentary, C = Maintained

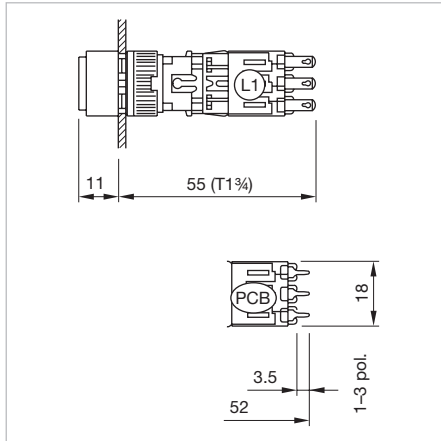


55 Raised design

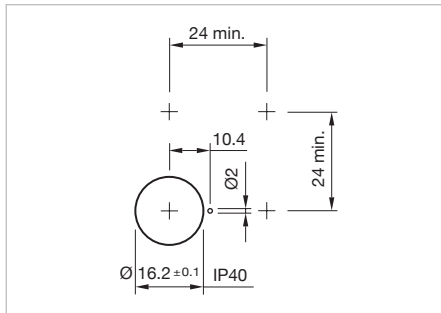
Illuminated pushbutton square 24 x 24 mm



Product can differ from the current configuration.

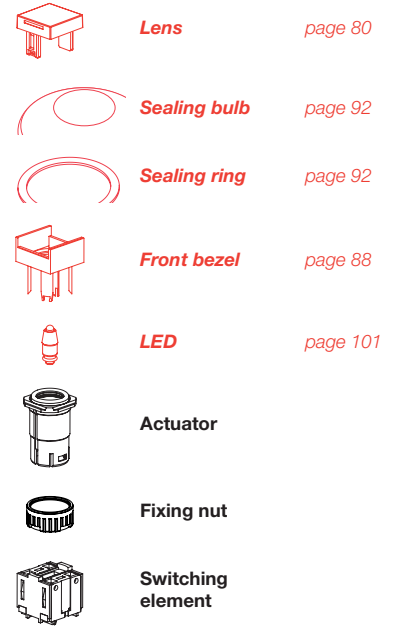


Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal



Mounting cut-outs [mm]

Equipment consisting of (schematic overview)




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

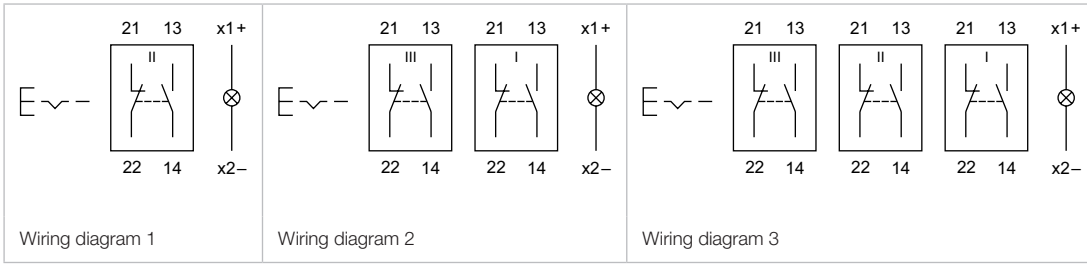
To obtain a complete unit, please select the red components from the pages shown.

Additional Information

- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible
- With IP 65 no anti-rotation device can be placed within the mounting cut-out. For rear-side mounting of the anti-rotation device, please see chapter «Accessories», Part No. 260-0020-00 or 260-0021-00

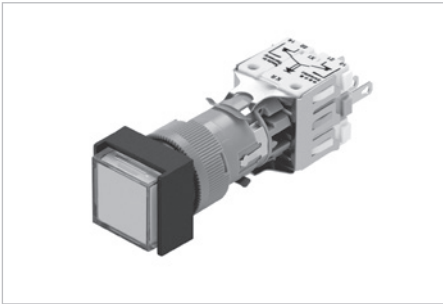
Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator square, Front dimension 24 x 24 mm	52 mm	1 NC + 1 NO	C - B	T1 3/4 MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B	T1 3/4 MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 3/4 MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 3/4 MG	Solder 2.8 x 0.5 mm	901F.000-00		1	0.013 kg
		2 NC + 2 NO	C - B	T1 3/4 MG	Solder 2.8 x 0.5 mm	902F.000-00		2	0.014 kg
		3 NC + 3 NO	C - B	T1 3/4 MG	Solder 2.8 x 0.5 mm	903F.000-00		3	0.015 kg

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107

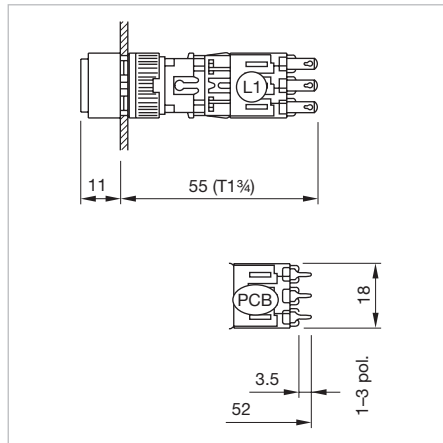


55 Raised design

Illuminated pushbutton square 18 x 18 mm

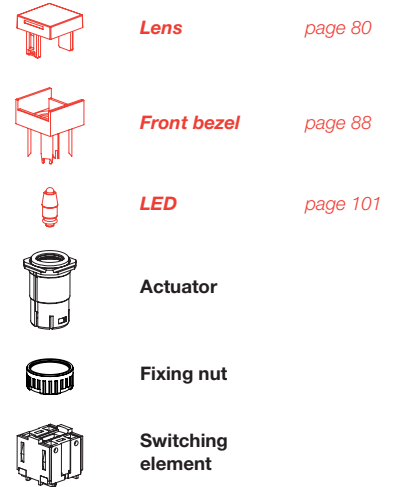


Product can differ from the current configuration.



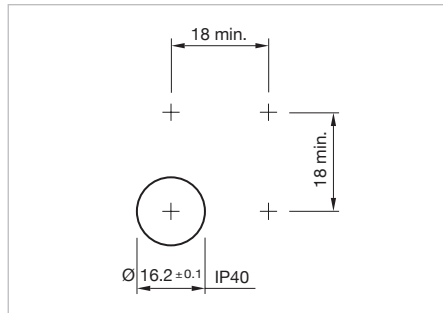
Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal

Equipment consisting of (schematic overview)



Additional Information


- For the flush design please order the additional front bezel set, see chapter «Accessories»
- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible



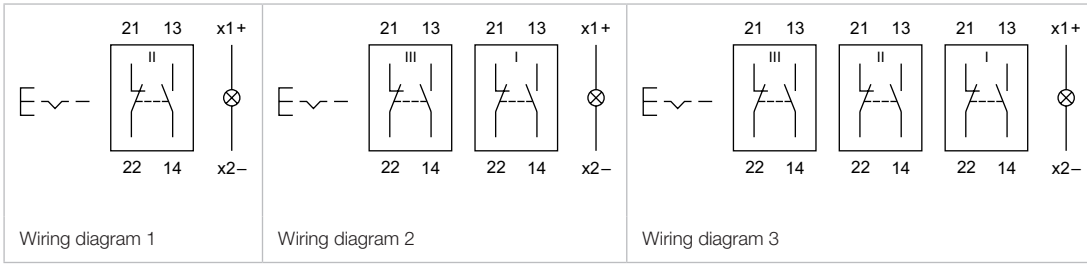
Mounting cut-outs [mm]

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.

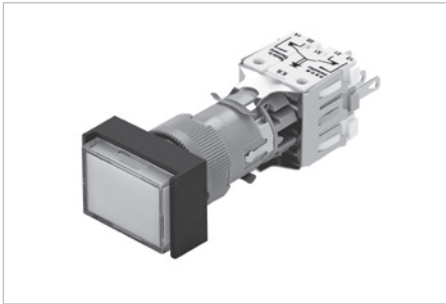
Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator square, Front dimension 18 x 18 mm	52 mm	1 NC + 1 NO	C - B	T1 ¼ MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	901F.000-00	1	0.013 kg	
		2 NC + 2 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	902F.000-00	2	0.014 kg	
		3 NC + 3 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	903F.000-00	3	0.015 kg	

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107

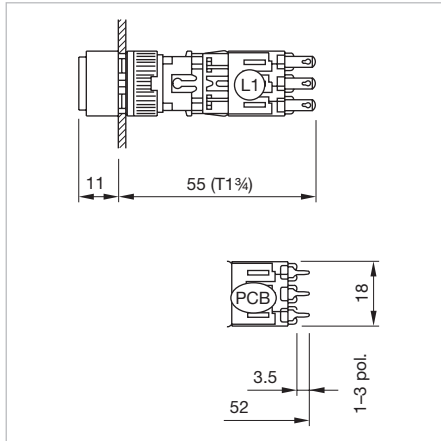


55 Raised design

Illuminated pushbutton rectangular 18 x 24 mm

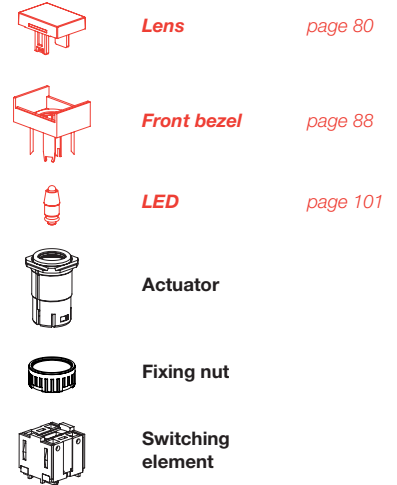


Product can differ from the current configuration.



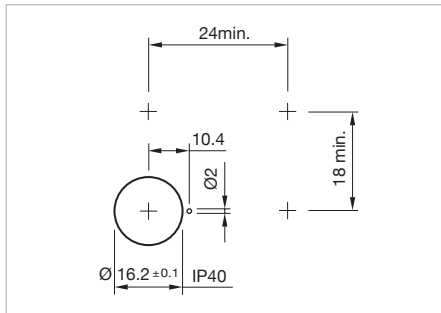
Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal

Equipment consisting of (schematic overview)



Additional Information

- For the flush design please order the additional front bezel set, see chapter «Accessories»
- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible
- With IP 65 no anti-rotation device can be placed within the mounting cut-out. For rear-side mounting of the anti-rotation device, please see chapter «Accessories», Part No. 260-0020-00 or 260-0021-00



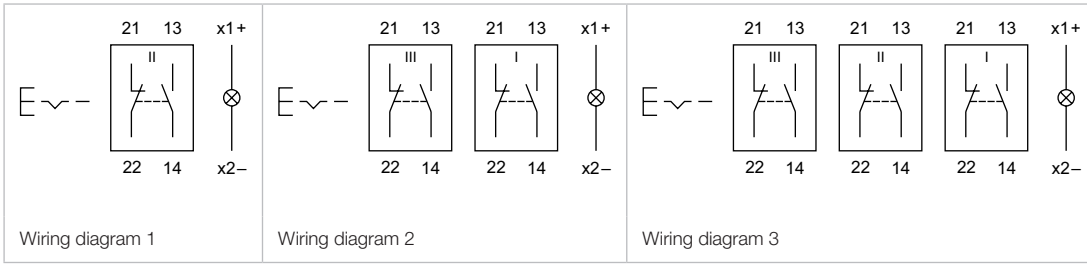
Mounting cut-outs [mm]

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.

Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator rectangular, Front dimension 18 x 24 mm	52 mm	1 NC + 1 NO	C - B	T1 ¼ MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	901F.000-00		1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	902F.000-00		2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	903F.000-00		3	0.015 kg

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107

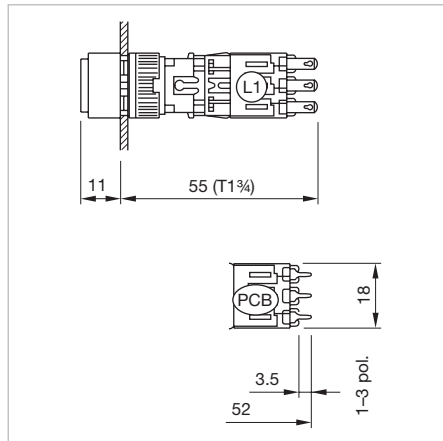


55 Raised design

Illuminated pushbutton round Ø 24 mm



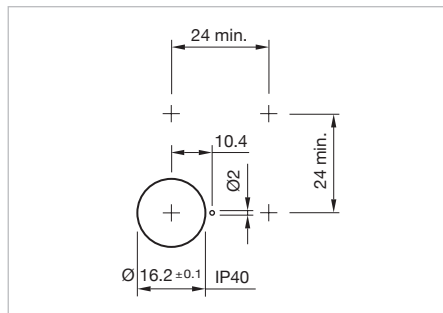
Product can differ from the current configuration.



Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal

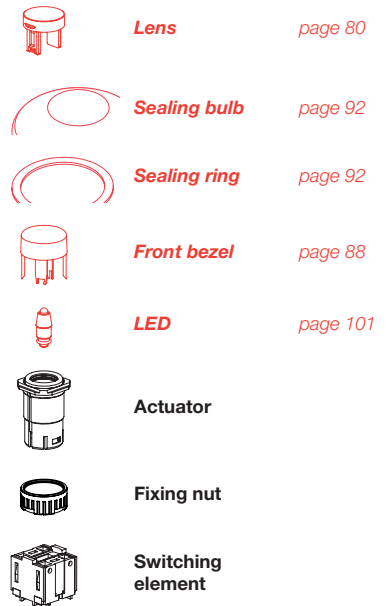
Additional Information

- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible
- With IP 65 no anti-rotation device can be placed within the mounting cut-out. For rear-side mounting of the anti-rotation device, please see chapter «Accessories», Part No. 260-0020-00 or 260-0021-00



Mounting cut-outs [mm]

Equipment consisting of (schematic overview)

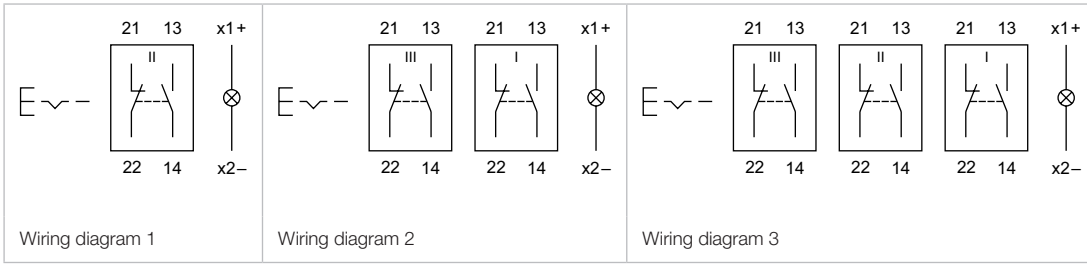


Each Part Number listed below includes all the black components shown in the 3D-drawing.

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

Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator round, Front dimension Ø 24 mm	52 mm	1 NC + 1 NO	C - B	T1 ¼ MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	901F.000-00		1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	902F.000-00		2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	903F.000-00		3	0.015 kg

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107

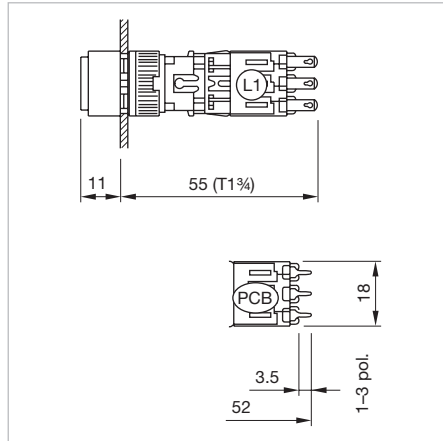


55 Raised design

Illuminated pushbutton round Ø 18 mm

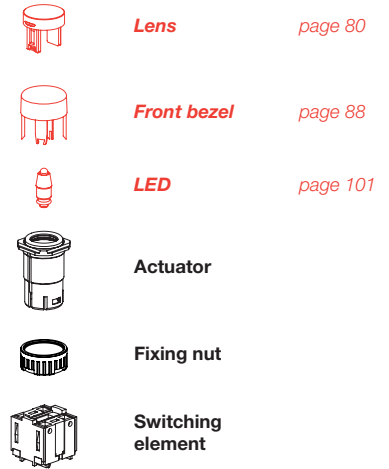


Product can differ from the current configuration.



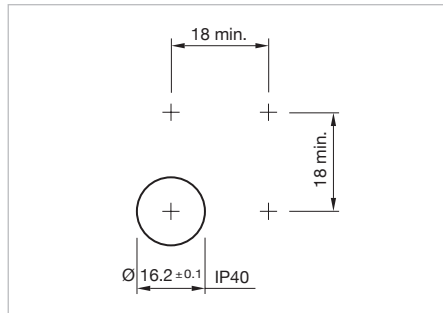
Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal

Equipment consisting of (schematic overview)



Additional Information


- For the flush design please order the additional front bezel set, see chapter «Accessories»
- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible



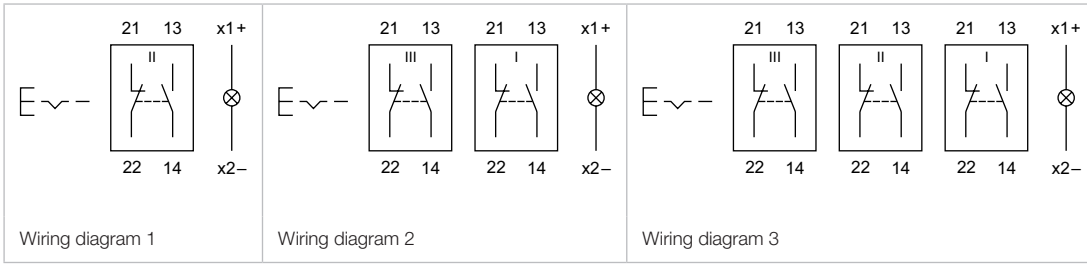
Mounting cut-outs [mm]

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.

Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator round, Front dimension Ø 18 mm									
Snap-action switching element	52 mm	1 NC + 1 NO	C - B	T1 ¼ MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B2	T1 ¼ MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	901F.000-00		1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	902F.000-00		2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	903F.000-00		3	0.015 kg



Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107




Lens plastic

Additional Information

- For indicator and illuminated pushbutton, 35 mm


Product attribute	Dimension	Lens	Part No.	Weight
 <p>Lens plastic square</p>				
for button with front dimension 18 x 18 mm, flat, illuminative	15.2 x 15.2 mm	orange translucent	600-3110-00	0.001 kg
		red translucent	600-3120-00	0.001 kg
		green translucent	600-3140-00	0.001 kg
		blue translucent	600-3150-00	0.001 kg
		white translucent	600-3160-00	0.001 kg
		yellow translucent	600-3170-00	0.001 kg
for button with front dimension 18 x 18 mm, flat, illuminative, less suitable for film insert	15.2 x 15.2 mm	orange transparent	600-3210-00	0.001 kg
		red transparent	600-3220-00	0.001 kg
		green transparent	600-3240-00	0.001 kg
		white transparent	600-3260-00	0.001 kg
for button with front dimension 18 x 18 mm, flat, non illuminative	15.2 x 15.2 mm	grey opaque	600-3180-00	0.001 kg
		schwarz opak	600-3190-00	0.001 kg
 <p>Lens plastic rectangular</p>				
for button with front dimension 18 x 24 mm, flat, illuminative	15.2 x 21.2 mm	orange translucent	600-5110-00	0.001 kg
		red translucent	600-5120-00	0.001 kg
		green translucent	600-5140-00	0.001 kg
		blue translucent	600-5150-00	0.001 kg
		white translucent	600-5160-00	0.001 kg
		yellow translucent	600-5170-00	0.001 kg
for button with front dimension 18 x 24 mm, flat illuminative, less suitable for film insert	15.2 x 21.2 mm	orange transparent	600-5210-00	0.001 kg
		red transparent	600-5220-00	0.001 kg
		green transparent	600-5240-00	0.001 kg
		blue transparent	600-5250-00	0.001 kg
		white transparent	600-5260-00	0.001 kg
for button with front dimension 18 x 24 mm, flat, non illuminative	15.2 x 21.2 mm	grey opaque	600-5180-00	0.001 kg
		black opaque	600-5190-00	0.001 kg




Product attribute	Dimension	Lens	Part No.	Weight
 <p>Lens plastic round</p>				
for button with front dimension Ø 18 mm, flat, illuminative	Ø 15.2 mm	orange translucent	600-1110-00	0.001 kg
		red translucent	600-1120-00	0.001 kg
		green translucent	600-1140-00	0.001 kg
		blue translucent	600-1150-00	0.001 kg
		white translucent	600-1160-00	0.001 kg
		yellow translucent	600-1170-00	0.001 kg
for button with front dimension Ø 18 mm, flat, illuminative, less suitable for film insert	Ø 15.2 mm	orange transparent	600-1210-00	0.001 kg
		red transparent	600-1220-00	0.001 kg
		green transparent	600-1240-00	0.001 kg
		white transparent	600-1260-00	0.001 kg
		yellow transparent	600-1270-00	0.001 kg
for button with front dimension Ø 18 mm, flat, non illuminative	Ø 15.2 mm	grey opaque	600-1180-00	0.001 kg
		black opaque	600-1190-00	0.001 kg

Lens plastic IP40/IP65




Additional Information

- Lens IP 65 is supplied with fitted sealing gland.

Product attribute	Front protection	Dimension	Lens	Part No.	Weight
 <p>Lens plastic square</p>					
for button with front dimension 24 x 24 mm, flat, illuminative	IP 40	20.8 x 20.8 mm	orange translucent	200-9110-00	0.001 kg
			red translucent	200-9120-00	0.001 kg
			green translucent	200-9140-00	0.001 kg
			blue translucent	200-9150-00	0.001 kg
			white translucent	200-9160-00	0.001 kg
			yellow translucent	200-9170-00	0.001 kg
			red transparent	200-7220-00	0.001 kg
			white transparent	200-7260-00	0.001 kg
or button with front dimension 24 x 24 mm, flat, non illuminative	IP 40	20.8 x 20.8 mm	grey opaque	200-9180-00	0.001 kg
			black opaque	200-9190-00	0.001 kg
or button with front dimension 24 x 24 mm, flat, illuminative	IP 40	20.8 x 20.8 mm	orange transparent	200-9210-00	0.001 kg
			red transparent	200-9220-00	0.001 kg
			green transparent	200-9240-00	0.001 kg
			white transparent	200-9260-00	0.001 kg
			yellow transparent	200-9270-00	0.001 kg

Product attribute	Front protection	Dimension	Lens	Part No.	Weight
 <p>Lens plastic square</p>					
for button with front dimension 24 x 24 mm, flat, illuminative	IP 65	20.8 x 20.8 mm	orange translucent	200-9110-WO	0.002 kg
			red translucent	200-9120-WO	0.002 kg
			green translucent	200-9140-WO	0.002 kg
			blue translucent	200-9150-WO	0.002 kg
			white translucent	200-9160-WO	0.002 kg
			yellow translucent	200-9170-WO	0.002 kg
			red transparent	200-9220-WO	0.002 kg
			green transparent	200-9240-WO	0.002 kg
			white transparent	200-9260-WO	0.002 kg
			yellow transparent	200-9270-WO	0.002 kg
 <p>Lens plastic square</p>					
for button with front dimension 18 x 18 mm, flat, illuminative	IP 40	15.2 x 15.2 mm	orange translucent	200-3110-00	0.001 kg
			red translucent	200-3120-00	0.001 kg
			green translucent	200-3140-00	0.001 kg
			blue translucent	200-3150-00	0.001 kg
			white translucent	200-3160-00	0.001 kg
			yellow translucent	200-3170-00	0.001 kg
			orange transparent	200-3210-00	0.001 kg
			red transparent	200-3220-00	0.001 kg
			green transparent	200-3240-00	0.001 kg
			blue transparent	200-3250-00	0.001 kg
			white transparent	200-3260-00	0.001 kg
			yellow transparent	200-3270-00	0.001 kg
			for button with front dimension 18 x 18 mm, flat, non illuminative	IP 40	15.2 x 15.2 mm
 <p>Lens plastic rectangular</p>					
for button with front dimension 18 x 24 mm, flat, illuminative	IP 40	15.2 x 21.2 mm	orange transparent	200-5210-00	0.001 kg
			red transparent	200-5220-00	0.001 kg
			green transparent	200-5240-00	0.001 kg
			blue transparent	200-5250-00	0.001 kg
			white transparent	200-5260-00	0.001 kg
			yellow transparent	200-5270-00	0.001 kg
			orange translucent	200-5110-00	0.001 kg
			red translucent	200-5120-00	0.001 kg
			green translucent	200-5140-00	0.001 kg
			blue translucent	200-5150-00	0.001 kg
			white translucent	200-5160-00	0.001 kg
			yellow translucent	200-5170-00	0.001 kg
for button with front dimension 18 x 24 mm, flat, non illuminative	IP 40	15.2 x 21.2 mm	grey opaque	200-5180-00	0.001 kg
			black opaque	200-5190-00	0.001 kg




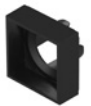

55 Accessories

Product attribute	Front protection	Dimension	Lens	Part No.	Weight
 <p>Lens plastic round</p>					
for button with front dimension Ø 24 mm, flat, illuminative	IP 40	Ø 20.8 mm	orange translucent	200-7110-00	0.001 kg
			red translucent	200-7120-00	0.001 kg
			green translucent	200-7140-00	0.001 kg
			blue translucent	200-7150-00	0.001 kg
			white translucent	200-7160-00	0.001 kg
			yellow translucent	200-7170-00	0.001 kg
for button with front dimension Ø 24 mm, flat, non illuminative	IP 40	Ø 20.8 mm	grey opaque	200-7180-00	0.001 kg
			black opaque	200-7190-00	0.001 kg
 <p>Lens plastic round</p>					
for button with front dimension Ø 24 mm, flat, illuminative	IP 65	Ø 20.8 mm	red translucent	200-7120-W0	0.002 kg
			green translucent	200-7140-W0	0.002 kg
			white translucent	200-7160-W0	0.002 kg
			yellow translucent	200-7170-W0	0.002 kg
			red transparent	200-7220-W0	0.002 kg
			green transparent	200-7240-W0	0.002 kg
for button with front dimension Ø 24 mm, flat, non illuminative	IP 65	Ø 20.8 mm	black opaque	200-7190-W0	0.002 kg
 <p>Lens plastic round</p>					
for button with front dimension Ø 18 mm, flat, illuminative	IP 40	Ø 15.2 mm	orange translucent	200-1110-00	0.001 kg
			red translucent	200-1120-00	0.001 kg
			green translucent	200-1140-00	0.001 kg
			blue translucent	200-1150-00	0.001 kg
			white translucent	200-1160-00	0.001 kg
			yellow translucent	200-1170-00	0.001 kg
			red transparent	200-1220-00	0.001 kg
			green transparent	200-1240-00	0.001 kg
			blue transparent	200-1250-00	0.001 kg
			white transparent	200-1260-00	0.001 kg
			yellow transparent	200-1270-00	0.001 kg
for button with front dimension Ø 18 mm, flat, non illuminative	IP 40	Ø 15.2 mm	grey opaque	200-1180-00	0.001 kg
			black opaque	200-1190-00	0.001 kg

Front bezel

Additional Information

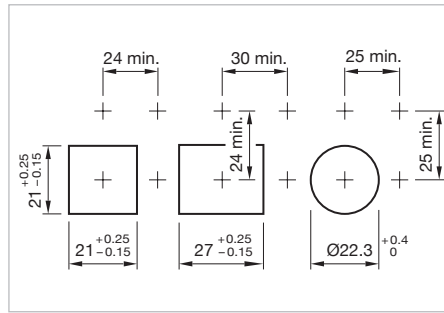
- Front bezel IP 65 is supplied with fitted sealing ring.

Product attribute	Front protection	Front bezel	Part No.	Weight
 <p>Front bezel square, 18 x 18 mm</p>	IP 40	Plastic grey	200-3000-00	0.002 kg
		Plastic black	200-4000-00	0.002 kg
 <p>Front bezel rectangular, 18 x 24 mm</p>	IP 40	Plastic grey	200-5000-00	0.002 kg
		Plastic black	200-6000-00	0.002 kg
 <p>Front bezel round, 18 mm</p>	IP 40	Plastic grey	200-1000-00	0.002 kg
		Plastic black	200-2000-00	0.002 kg
 <p>Front bezel square, 24 x 24 mm</p>	IP 40	Plastic grey	200-9000-00	0.002 kg
		Plastic black	200-0000-00	0.002 kg
	IP 65	Plastic grey	200-9000-W0	0.002 kg
		Plastic black	200-0000-W0	0.002 kg
 <p>Front bezel round, 24 mm</p>	IP 40	Plastic grey	200-7000-00	0.002 kg
		Plastic black	200-8000-00	0.002 kg
	IP 65	Plastic grey	200-7000-W0	0.002 kg
		Plastic black	200-8000-W0	0.002 kg




Front bezel set, flush design, IP 65

Additional Information

- By using these sets, raised pushbuttons can be built in «flat» into operator panels. Please refer to the respective note with each pushbutton
- The mounting depth is increased by 9 mm because of the bezel set





Mounting cut-outs [mm]

Product attribute	Dimension	Front bezel	Part No.	Weight
 <p>Front bezel set, flush design square</p>				
for button 18 x 18 mm with mounting cut-out 21 x 21 mm	24 x 24 mm	Plastic black	61-9930.0	0.007 kg
 <p>Front bezel set, flush design rectangular</p>				
for button 18 x 24 mm with mounting cut-out 21 x 27 mm	24 x 30 mm	Plastic black	61-9931.0	0.008 kg
 <p>Front bezel set, flush design round</p>				
for button Ø 18 mm with mounting cut-out Ø 22.5 mm	Ø 25 mm	Plastic black	200-8400-V0	0.006 kg

Protective cover illuminated pusbutton and key lock switch, flush design, IP 65

Additional Information

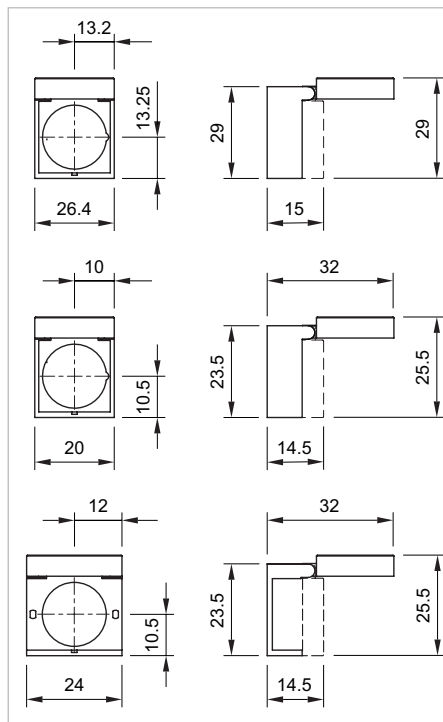
- Hinged, with means for sealing
- Replace the front betel set, flush design

Product attribute	Dimension	Material	Optics	Part No.	Weight
 <p>Protective cover illuminated pusbutton and key lock switch, flush design</p>					
for button 18 x 18 mm with mounting cut-out 21 x 21 mm	24 x 24 mm	Plastic	transparent	200-4408-V0	0.006 kg
 <p>Protective cover illuminated pusbutton and key lock switch, flush design</p>					
for button 18 x 24 mm with mounting cut-out 21 x 27 mm	24 x 30 mm	Plastic	transparent	200-6408-V0	0.006 kg

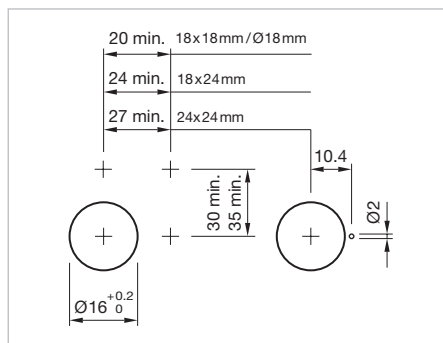
Protective cover raised design

Additional Information




- Hinged, with means for sealing



Dimensions [mm]



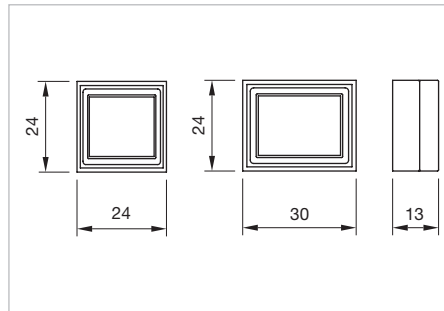
Mounting cut-outs [mm]

Product attribute	Front protection	Dimension	Material	Optic	Part No.	Weight
 <p>Protective cover</p>						
for button 24 x 24 mm with mounting cut-out Ø 16 mm	IP 65	26.5 x 29 mm	Plastic	transparent	61-9920.0	0.006 kg
 <p>Protective cover</p>						
for button 18 x 18 mm with mounting cut-out Ø 16 mm	IP 65	20 x 23.5 mm	Plastic	transparent	51-920	0.002 kg
 <p>Protective cover</p>						
for button 18 x 24 mm with mounting cut-out Ø 16 mm	IP 65	24 x 23.5 mm	Plastic	transparent	51-925	0.002 kg

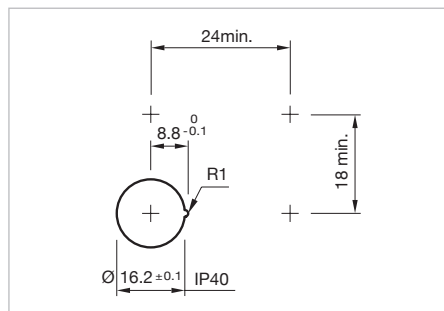
Front protective cap, IP 65

Additional Information


- Two-part, illumination exchangeable from the front
- Front panel thickness reduces by 1 mm
- Please note that bigger minimum distances are necessary






Dimensions [mm]



Mounting cut-outs [mm]

Product attribute	Dimension	Material	Colour	Optic	Part No.	Weight
 Front protective cap						
for button 18 x 18 mm with mounting cut-out Ø 16 mm	24 x 24 mm	PE/Silicone	colourless	transparent	31-923	0.003 kg
for button 18 x 24 mm with mounting cut-out Ø 16 mm	24 x 30 mm	PE/Silicone	colourless	transparent	31-924.2	0.003 kg


Protective guard for illuminated pushbutton

Product attribute	Dimension	Material	Colour	Part No.	Weight
 Protective guard for illuminated pushbutton square					
for button 18 x 18 mm with mounting cut-out Ø 16 mm	18 x 18 mm	Aluminium	natural anodized	200-3007-00	0.002 kg
 Protective guard for illuminated pushbutton rectangular					
for button 18 x 24 mm with mounting cut-out Ø 16 mm	18 x 24 mm	Aluminium	natural anodized	200-5007-00	0.002 kg
 Protective guard for illuminated pushbutton round					
for button Ø 18 mm with mounting cut-out Ø 16 mm	Ø 18 mm	Aluminium	natural anodized	200-1007-00	0.002 kg

Pressure ring for illuminated pushbutton

Additional Information


- Necessary for front bezel IP 65, Ø 24 mm and 24 x 24 mm

Material	Part No.	Weight
 <p>Pressure ring for illuminated pushbutton</p>		
Plastic	200-8009-W0	0.001 kg

Sealing ring for indicator and illuminated pushbutton

Additional Information


- Necessary for front bezel IP 65, Ø 24 mm and 24 x 24 mm

Material	Part No.	Weight
 <p>Sealing bulb for indicator and illuminated pushbutton</p>		
Silicone	200-7009-W0	0.001 kg








Sealing bulb for indicator and illuminated pushbutton

Additional Information

- Necessary for front bezel IP 65, Ø 24 mm and 24 x 24 mm



Material	Part No.	Weight
 <p>Sealing ring for indicator and illuminated pushbutton</p>		
Silicone	200-9009-W0	0.001 kg

Blind plug

Front protection	Dimension	Mounting cut-out	Material	Colour	Part No.	Weight
	Blind plug					
IP 40	18 x 18 mm	Ø 16 mm	Plastic	black	01-948.0	0.003 kg
	Blind plug					
IP 65	18 x 18 mm	Ø 16 mm	Plastic	black	51-948.0	0.003 kg
	Blind plug					
IP 65	24 x 24 mm	Ø 16 mm	Plastic	black	61-9450.0	0.003 kg
	Blind plug					
IP 40	18 x 24 mm	Ø 16 mm	Plastic	black	01-947.0	0.003 kg
	Blind plug					
IP 65	18 x 24 mm	Ø 16 mm	Plastic	black	51-947.0	0.003 kg
	Blind plug					
IP 40	Ø 18 mm	Ø 16 mm	Plastic	black	01-949.0	0.003 kg
	Blind plug					
IP 65	Ø 18 mm	Ø 16 mm	Plastic	black	51-949.0	0.003 kg



Rear side

Snap-action switching element block

Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Component layout	Weight
 <p>Snap-action switching element block</p>								
250 VAC	5 A	Snap-action switching element	1 NC + 1 NO	Gold	Solder 2.8 x 0.5 mm	601F0000-00		0.006 kg
			2 NC + 2 NO	Gold	Solder 2.8 x 0.5 mm	602F0000-00		0.006 kg
			1 NC + 1 NO + 1 D	Gold	Solder 2.8 x 0.5 mm	608F0000-00		0.006 kg
 <p>Snap-action switching element block</p>								
250 VAC	5 A	Snap-action switching element	1 NC + 1 NO	Gold	PCB	601F0000-0P	1	0.006 kg
			2 NC + 2 NO	Gold	PCB	602F0000-0P	1	0.006 kg
			1 NC + 1 NO + 2 D	Gold	PCB	609F0000-0P	1	0.006 kg

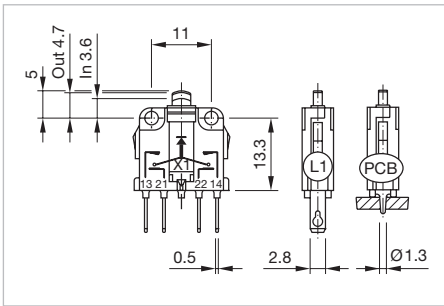
Contacts: NC = Normally closed, NO = Normally open, D = Diode element
 The component layouts you will find from page 107

Lamp element block



Terminal	Diode 1N4007	Part No.	Component layout	Weight
 <p>Lamp element block</p>				
Solder 2.8 x 0.5 mm		600-0000-00		0.005 kg
	1	606F0000-00		0.006 kg
	2	607F0000-00		0.006 kg
 <p>Lamp element block</p>				
PCB		600-0000-0P	1	0.005 kg

The component layouts you will find from page 107

Snap-action switching element



Dimensions [mm]

Colour	Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Weight
 <p>Snap-action switching element</p>								
black	250 VAC	5 A	Snap-action switching element	1 NC + 1 NO	Gold	Solder 2.8 x 0.5 mm	201F0900-00	0.003 kg
 <p>Snap-action switching element</p>								
black	250 VAC	5 A	Snap-action switching element	1 NC + 1 NO	Gold	PCB	221F0900-0P	0.003 kg


Contacts: NC = Normally closed, NO = Normally open

Slow-make switching element for stop switch



Colour	Switching voltage	Switching current	Switching system	Contacts	Contact material	Terminal	Part No.	Weight
 <p>Slow-make switching element for stop switch</p>								
black	250 VAC	5 A	Slow-make switching element	1 NC	Gold	Solder 2.8 x 0.5 mm	211F0900-00	0.003 kg

Contacts: NC = Normally closed


Blind element

Colour	Part No.	Weight
 <p>Blind element</p>		
white	202F0900-00	0.002 kg



Lamp terminal

Terminal	Part No.	Weight
 <p>Lamp terminal</p>		
Solder 2.8 x 0.5 mm	270-0000-00	0.001 kg
 <p>Lamp terminal</p>		
PCB	270-0000-0P	0.001 kg


Intermediate section

Product attribute	Part No.	Weight
 <p>Intermediate section</p>		
for illuminated pushbutton 55 mm, T1 ¼ MG, incl. fixing nut	260-9000-00	0.005 kg

Holder for 2 switching elements

Product attribute	Material	Part No.	Weight
 <p>Holder for 2 switching elements</p>			
for push-pull illuminated switch	Plastic	270-2000-00	0.001 kg
 <p>Holder for 2 switching elements</p>			
for pushbutton, keylock switch, selector switch	Plastic	270-3000-00	0.001 kg


Holder for 3 switching elements

Product attribute	Material	Part No.	Weight
 <p>Holder for 3 switching elements</p>			
for pushbutton illuminated	Stainless steel	270-1000-00	0.001 kg

Spring with pin

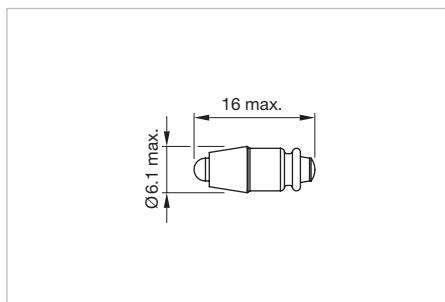
Additional Information

- For maintained version at the intermediate section


Product attribute	Part No.	Weight
 <p>Spring with pin</p>		
for pushbutton illuminated	260-0010-00	0.001 kg

Illumination
LED T1 3/4 MG
Additional Information


- A suitable lamp remover Part No. 61-9740.0
- When using AC/DC types with AC operation, slight flickering can occur
- Luminous intensity data of the LEDs on direct voltage
- Electrical and optical data are measured at 25 °C
- If the 24VDC Bi-colour lamp is driven with normal polarity (plus on middle contact of the lamp) the first mentioned colour will light up, with inverted polarity the second colour will light up
- The specified versions are built with a protection diode (half wave rectifier) in series and the LED
- Luminosity and wave length variations caused by LED manufacturing processes may cause slight differences regarding the illumination




Dimensions [mm]

LED colour	Operating voltage	Operation current	Lumi. intensity	Dom. wavelength	Part No.	Weight
						
Single-LED						
Single-LED red	6 VDC +10 %	15 mA ±15 %	350 mcd	630 nm	10-2J06.3142	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J09.1062	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J12.1062	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J13.1062	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	200 mcd	630 nm	10-2J19.1042	0.002 kg
Single-LED yellow	6 VDC +10 %	15 mA ±15 %	300 mcd	587 nm	10-2J06.3144	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J09.1064	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J12.1064	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J13.1064	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	180 mcd	587 nm	10-2J19.1044	0.002 kg
Single-LED green	6 VDC +10 %	7 mA ±15 %	1050 mcd	525 nm	10-2J06.3145	0.002 kg
	12 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J09.1065	0.002 kg
	24 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J12.1065	0.002 kg
	28 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J13.1065	0.002 kg
	48 VAC/DC +10 %	2/4 mA ±15 %	600 mcd	525 nm	10-2J19.1045	0.002 kg
Single-LED blue	6 VDC +10 %	15 mA ±15 %	680 mcd	470 nm	10-2J06.3146	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J09.1066	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J12.1066	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J13.1066	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	400 mcd	470 nm	10-2J19.1046	0.002 kg
Single-LED white	6 VDC +10 %	15 mA ±15 %	750 mcd	x0.31/y0.32 nm	10-2J06.3149	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	700 mcd	x0.31/y0.32 nm	10-2J09.1069	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	700 mcd	x0.31/y0.32 nm	10-2J12.1069	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	700 mcd	x0.31/y0.32 nm	10-2J13.1069	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	400 mcd	x0.31/y0.32 nm	10-2J19.1049	0.002 kg


55 Accessories

LED colour	Operating voltage	Operation current	Lumi. intensity	Dom. wavelength	Part No.	Weight
 <p>Bi-colour LED</p>						
Bi-colour LED red/green	24 VDC +10 %	15/14 mA ±15 %	600/630 mcd	625/525 nm	10-A312.314A	0.002 kg

Filament lamp


Operating voltage	Operation current	Part No.	Weight
 <p>Filament lamp</p>			
6.3 VAC/DC	200 mA±10 %	10-1307.1369	0.001 kg
14 VAC/DC	80 mA±10 %	10-1310.1319	0.001 kg
28 VAC/DC	40 mA±10 %	10-1313.1249	0.001 kg
36 VAC/DC	30 mA±10 %	10-1316.1209	0.001 kg
48 VAC/DC	25 mA±10 %	10-1319.1199	0.001 kg

Diode element

Diode 1N4007	Terminal	Part No.	Weight
 <p>Diode element</p>			
2	Solder 2.8 x 0.5 mm	213F0900-00	0.003 kg


Lamp remover**Additional Information**

- ▲ **Caution:** A switching process might be released when replacing the lamp

Part No.	Weight
 <p>Lamp remover</p>	
61-9740.0	0.003 kg

Mounting tool**Additional Information**

- For tightening or loosening of the fixing nut (at dismantled Element block)

Part No.	Weight
 <p>Mounting tool</p>	
300-0003-00	0.007 kg

Dismantling tool for emergency-stop switch, foolproof

Part No.	Weight
 <p>Dismantling tool for emergency-stop switch, foolproof</p>	
61-9711.0	0.004 kg

General notes

Engraving

The lens top or lens holder can be engraved in the most commonly used world languages, in DIN 1451-3 close spacing, other typefaces are available. Colour lettering White for lens tops red, blue, green and black. Black for lens tops orange, yellow, grey and white. Black for lens holders translucent and transparent.

Important: With engraving, the position of the lens must agree with the position of the pushbutton or indicator. However, the lens can be mounted turned through 180°.

Hot stamping

For lettering any sizeable quantity we recommend pad printing on the lens holder.

Important: With pad printing, the position of the lens must agree with the position of the pushbutton or indicator. However, the lens can be mounted turned through 180°.

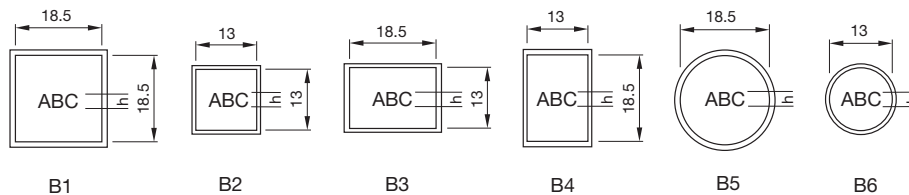
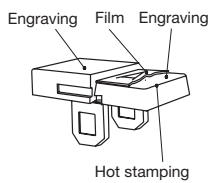
Film inserts

Instead of engraving, a transparent foil can be laid in the lens tops, except with the colours grey and black. Film thickness is 0.1 mm max.

Important: When a foil is used, the position of the lens must agree with the position of the pushbutton or indicator. However, the lens can be mounted turned through 180°. With round lenses the film can rotate.

All dimensions in mm

Front size	Film insert max. size	Height of letters h	Number of lines	Number of capital letters per line (target value)	Image
18 x 18 (15.3 x 15.3)	12.7 x 12.7	2.5	3	5	B2
		3.0	3	5	B2
		4.0	2	3	B2
		5.0	1	3	B2
18 x 24 horizontal position	12.7 x 18.9	2.5	3	8	B3
		3.0	3	8	B3
		4.0	2	5	B3
		5.0	1	5	B3
18 x 24 vertical position	12.7 x 18.9	2.5	5	5	B4
		3.0	4	5	B4
		4.0	3	3	B4
		5.0	2	3	B4
24 x 24	18.3 x 18.3	2.5	5	8	B1
		3.0	4	8	B1
		4.0	3	6	B1
		5.0	2	5	B1
Ø 18	Ø 12.7	2.5	2	5	B6
		3.0	2	5	B6
		4.0	1	3	B6
		5.0	1	2	B6
Ø 24	Ø 18.3	2.5	4	7	B5
		3.0	3	7	B5
		4.0	3	4	B5
		5.0	2	3	B5



General notes

Switch interlock systems do away with complicated protective and relay interlocks.

SWISSTAC switches with mounting depths of 55 mm can be combined into interlocking systems of up to 4 switches. The switches are mechanically interlocked. There are two types to choose from:

1. **Switch interlock system with pushbutton**
2. **Switch interlock system with keylock switch**

The distance separating switches in an interlock system can be increased in steps of 6 mm to 30 mm from a minimum of 18 mm

(between switch centre-lines). Irregular spacings and/or blanks in a system are also possible. No special cutouts in the fascia panel are required, as the hole patterns match the individual switches.

All switch interlock systems are supplied ready for mounting. Splash-proof versions are obtainable with bezels of Ø 24 mm or 24 x 24 mm. The interlock system withstands a pressure of at least 50 N.

Variants of switch interlock system

For each type of switch interlock system there is a choice of different variants:

Variant 1

Momentary action possible only with one pushbutton at a time, as the buttons are interactively blocked mechanically.

Variant 2

Maintained action of one pushbutton at a time. This blocks the other buttons mechanically and is only released by pressing the actuated pushbutton again.

Variant 3

Maintained action of one pushbutton at a time. If an other button is pressed, the first resets. One button is normally always "On".

Variant 4

Maintained action of one pushbutton at a time. If an other button is pressed, the first resets. The release button cancels the "On" condition.

Variant 5

Maintained action of one or more pushbuttons pressed simultaneously. If one or more buttons are operated simultaneously, the button or group of buttons pressed before are reset. Switching "Off" is done only with the release button.

Variant 6

Maintained action of one pushbutton at a time. Another button cannot be operated until the first has been reset with the release button. All buttons are then at "Zero".

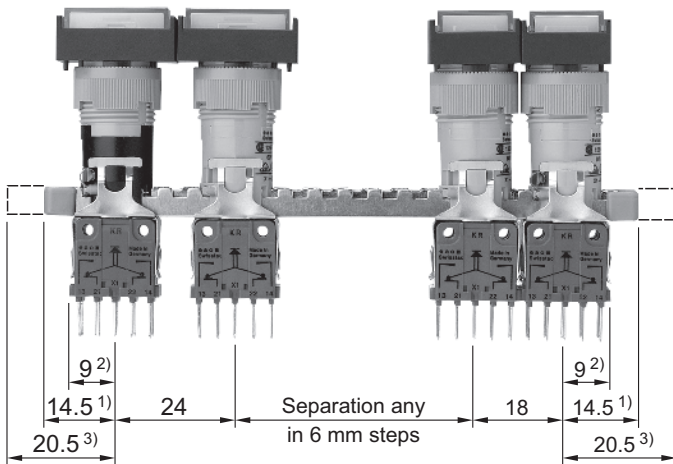
Variant 7

Maintained action of any one switch, which can also be operated one after the other. Actuated buttons can only be reset with the release button.

Action	Variant						
	1	2	3	4	5	6	7
latching		●	●	●	●	●	●
mutual mechanical release			●	●	●		
individual release by pressing again		●					
all released with release button				●	●	●	●
mutual mechanical blocking	●	●	●	●		●	

Switch interlock system with pushbutton

All dimensions in mm

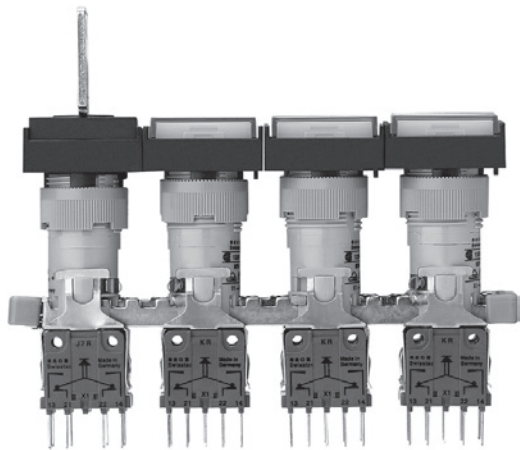


Centre line (CL) spacing		
1	for variants 1, 3–7	14.5 mm
2	for variants 1, 3–7	reduction to 9.0 mm at extra cost
3	for variant 2	at least 20.5 mm

Standard switch interlock system with keylock switch

Including keylock switches in a switch interlock system with mechanical blocking and release functions allows close supervision of the switches status, and restricts operation to authorized personnel.

For dimensions, see Standard switch interlock system.
All dimensions in mm



There is a choice of three types of switch interlock systems with keylock switch. They differ according to their function:

1	Controls switching "On" Possible with variants 3, 4, 6	Zero position: Unrestricted operation. Maintained action position: Resets actuated switches to zero position and the same time blocks all switches.
2	Controls switching "Off" Possible for variants 6, 7	Zero position: Switching "On" is possible. Momentary action position: Turning the keylock switch to the momentary action position resets the actuated switches to the zero position (keylock switch with momentary action mode replaces release button).
3	Controls switching "On" and "Off" Possible for variants 1–7	Zero position: Unrestricted operation. Maintained action position: Locks all switches at their present setting.

Information for order

The ordersheet you will find on the website
www.eao.com/downloads