Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Series **84**

Characteristics

The compact 22.5 mm Series 84
is especially suited for:

- Flush design
- Raised design
- PCB mounting

The extremely small mounting depth
makes this series highly suited for
installation in flat, narrow casings. In
combination with PCB fitting, Series 84
offers optional HALO illumination with
attractive combination options and a
wide variety of designs.

Functions

The Series 84 incorporates the
following functions:

- Indicator
- Pushbutton
- Illuminated pushbutton
- E-STOP switch

Market segments

The EAO Series 84 is especially suited
for applications in the segments:

- Public transport
- Machinery and Automation
- Construction machines and
  special-purpose vehicles
- Lifting and moving
- Panel building
- Medicinal technology
- Laboratory and measuring equipment

Please refer to the EAO website to obtain detailed information regarding this series **www.products.eao.com**
Configure a product to your exact needs and request a quotation.

Content **84**
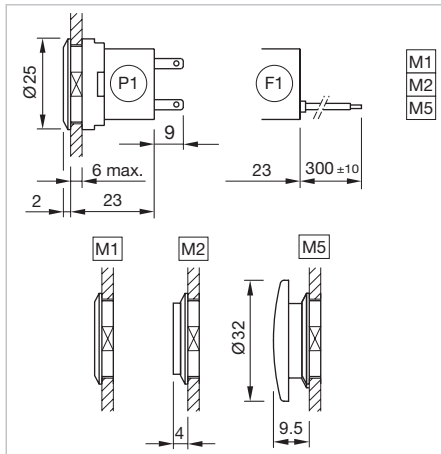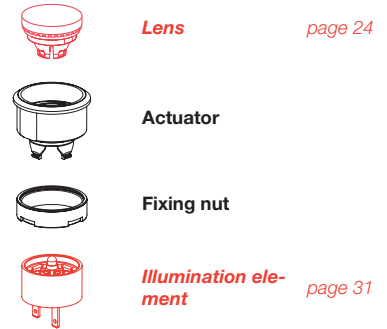
84 Flush design

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M1 = Lens level with bezel,
M2 = Lens raised above bezel
M5 = Mushroom-head cap

Equipment consisting of (schematic overview)

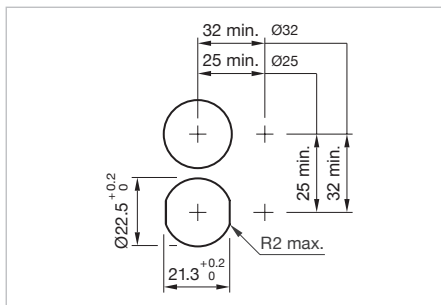|		
	Lens	*page 24*
	Actuator	
	Fixing nut	
	Illumination element	*page 31*

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

- Illuminated lens, non-illuminated bezel

- The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-outs [mm]

Front protection	Front ring	Part No.	Weight
Indicator actuator standard, Front dimension Ø 25 mm			
IP 40	Plastic black	**84-3100.0**	0.004 kg
IP 67	Plastic black	**84-0100.0**	0.003 kg
	Aluminium natural anodized	**84-0200.7**	0.008 kg

Indicator PCB standard

Equipment consisting of (schematic overview)

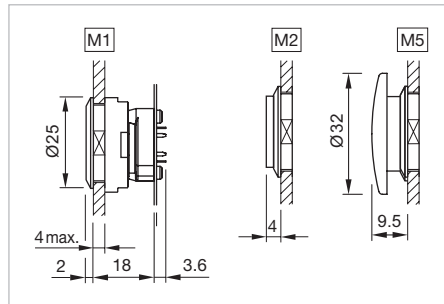|		
	Lens	*page 24*
	Actuator	
	Fixing nut	
	Mounting flange	*page 37*
	LED	*page 39*
	Illumination element	*page 36*

Each Part Number listed below includes all the black components shown in the 3D-drawing.
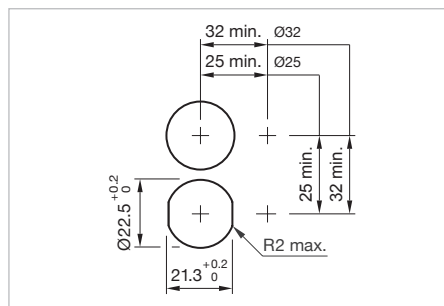
To obtain a complete unit, please select the red components from the pages shown.

Dimensions [mm]
M1 = Lens level with bezel,
M2 = Lens raised above bezel
M5 = Mushroom-head cap

Mounting cut-outs [mm]

Product can differ from the current configuration.

Additional Information

• Illuminated lens, non-illuminated bezel

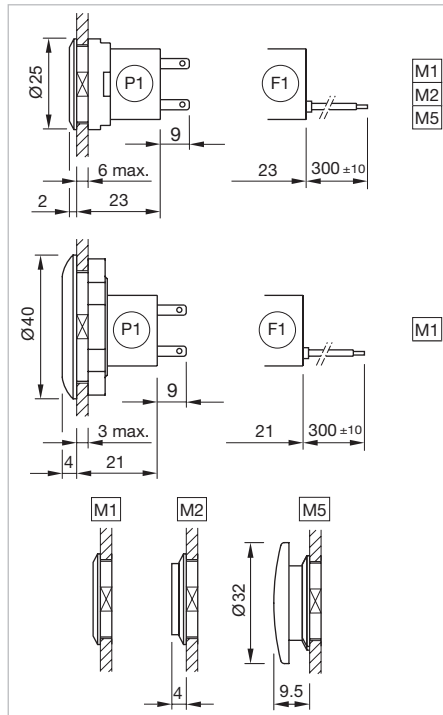• The colour of anodized aluminium parts can vary due to technical production reasons

Front protection	Front ring	Part No.	Weight
Indicator actuator PCB standard, Front dimension Ø 25 mm			
IP 40	Plastic black	**84-3100.0**	0.004 kg
IP 67	Plastic black	**84-0100.0**	0.003 kg
	Aluminium natural anodized	**84-0200.7**	0.008 kg

84 Flush design

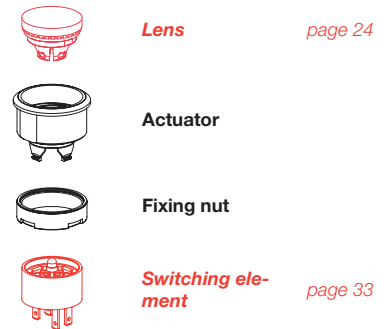## Illuminated pushbutton standard

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M5 = Mushroom-head cap

Equipment consisting of (schematic overview)

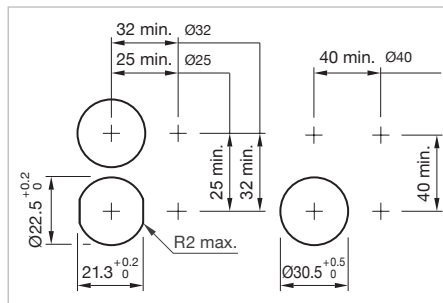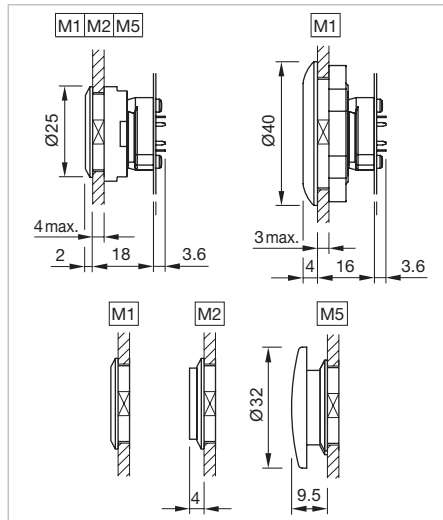|		
	Lens	*page 24*
	Actuator	
	Fixing nut	
	Switching element	*page 33*

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

- Illuminated lens, non-illuminated bezel

- The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-outs [mm]

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
Illuminated pushbutton standard, Front dimension Ø 40 mm					
IP 67	Aluminium natural anodized	B	**84-1221.7**	1	0.022 kg
Illuminated pushbutton standard, Front dimension Ø 25 mm					
IP 40	Plastic black	B	**84-2101.0**	1	0.004 kg
IP 67	Plastic black	B	**84-1101.0**	1	0.003 kg
	Aluminium black anodized	B	**84-1201.0**	1	0.008 kg
	Aluminium red anodized	B	**84-1201.2**	1	0.008 kg

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
IP 67	Aluminium gold anodized	B	**84-1201.4**	1	0.008 kg
	Aluminium olive-green anodized	B	**84-1201.5**	1	0.008 kg
	Aluminium blue anodized	B	**84-1201.6**	1	0.008 kg
	Aluminium natural anodized	B	**84-1201.7**	1	0.008 kg

Switching action: B = Momentary

E – – –

Wiring diagram 1

Illuminated pushbutton PCB standard

Product can differ from the current configuration.

Dimensions [mm]
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M5 = Mushroom-head cap

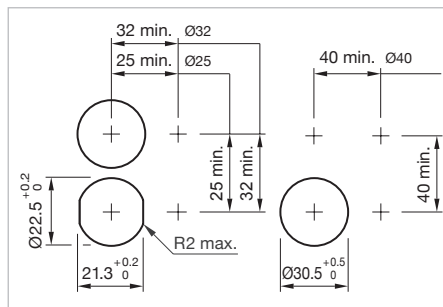### Equipment consisting of (schematic overview)

	Lens	page 24
	Actuator	
	Fixing nut	
	Mounting flange	page 37
	LED	page 39
	Switching element	page 34

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.
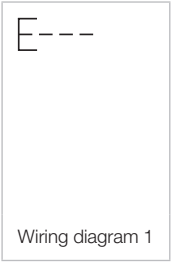
Additional Information

- Illuminated lens, non-illuminated bezel
- The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-outs [mm]

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
Illuminated pushbutton actuator PCB standard, Front dimension Ø 40 mm					
IP 67	Aluminium natural anodized	B	**84-1221.7**	1	0.022 kg
Illuminated pushbutton actuator PCB standard, Front dimension Ø 25 mm					
IP 40	Plastic black	B	**84-2101.0**	1	0.004 kg
IP 67	Plastic black	B	**84-1101.0**	1	0.003 kg
	Aluminium black anodized	B	**84-1201.0**	1	0.008 kg
	Aluminium red anodized	B	**84-1201.2**	1	0.008 kg
	Aluminium gold anodized	B	**84-1201.4**	1	0.008 kg
	Aluminium olive-green anodized	B	**84-1201.5**	1	0.008 kg
	Aluminium blue anodized	B	**84-1201.6**	1	0.008 kg
	Aluminium natural anodized	B	**84-1201.7**	1	0.008 kg

Switching action: B = Momentary

E---

Wiring diagram 1

Pushbutton standard

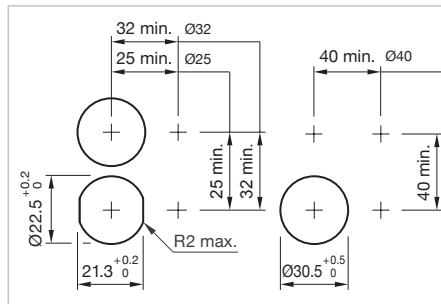Product can differ from the current configuration.

| M1 |
| M2 |
| M3 |
| M4 |
| M5 |

| M1 |

| M1 | M2 | M3 | M4 | M5 |

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M3 = Lens konvexe level with bezel,
M4 = Lens convexe raised above bezel,
M5 = Mushroom-head cap

Equipment consisting of (schematic overview)

	Lens	*page 25*
	Actuator	
	Fixing nut	
	Switching element	*page 34*

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

• Non-illuminated lens and bezel

• The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-outs [mm]

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
Pushbutton actuator standard, Front dimension Ø 40 mm					
IP 67	Aluminium natural anodized	B	**84-1221.7**	1	0.022 kg

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
					eao ■

Pushbutton actuator standard, Front dimension Ø 25 mm

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
IP 40	Plastic black	B	**84-2101.0**	1	0.004 kg
IP 67	Plastic black	B	**84-1101.0**	1	0.003 kg
	Aluminium black anodized	B	**84-1201.0**	1	0.008 kg
	Aluminium red anodized	B	**84-1201.2**	1	0.008 kg
	Aluminium gold anodized	B	**84-1201.4**	1	0.008 kg
	Aluminium olive-green anodized	B	**84-1201.5**	1	0.008 kg
	Aluminium blue anodized	B	**84-1201.6**	1	0.008 kg
	Aluminium natural anodized	B	**84-1201.7**	1	0.008 kg

Switching action: B = Momentary

E– – –

Wiring diagram 1

Pushbutton PCB standard

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M3 = Lens konvexe level with bezel,
M4 = Lens convexe raised above bezel,
M5 = Mushroom-head cap

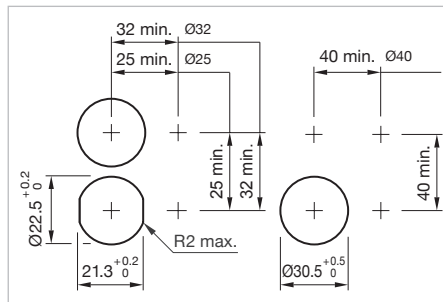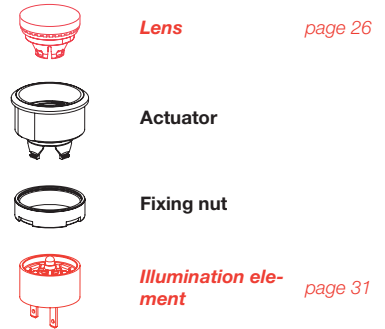### Equipment consisting of (schematic overview)

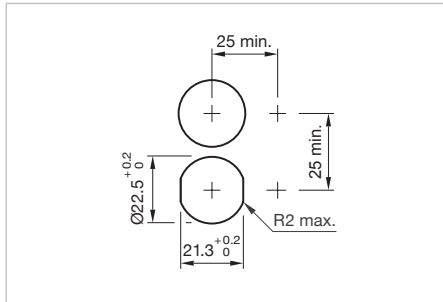|		
	Lens	*page 25*
	Actuator	
	Fixing nut	
	Mounting flange	*page 37*
	Switching ele-ment	*page 34*

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

•   Non-illuminated lens and bezel

•   The colour of anodized aluminium parts can vary due to technical production reasons

Mounting cut-outs [mm]

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
Pushbutton actuator PCB standard, Front dimension Ø 40 mm					
IP 67	Aluminium natural anodized	B	**84-1221.7**	1	0.022 kg

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight

Pushbutton actuator PCB standard, Front dimension Ø 25 mm

Front protection	Front ring	Switching action	Part No.	Wiring diagram	Weight
IP 40	Plastic black	B	**84-2101.0**	1	0.004 kg
IP 67	Plastic black	B	**84-1101.0**	1	0.003 kg
	Aluminium black anodized	B	**84-1201.0**	1	0.008 kg
	Aluminium red anodized	B	**84-1201.2**	1	0.008 kg
	Aluminium gold anodized	B	**84-1201.4**	1	0.008 kg
	Aluminium olive-green anodized	B	**84-1201.5**	1	0.008 kg
	Aluminium blue anodized	B	**84-1201.6**	1	0.008 kg
	Aluminium natural anodized	B	**84-1201.7**	1	0.008 kg

Switching action: B = Momentary

E – – –

Wiring diagram 1

84 Flush design

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M2 = Lens raised above bezel,
M4 = Lens convexe raised above bezel

Equipment consisting of (schematic overview)

	Lens	*page 26*
	Actuator	
	Fixing nut	
	Illumination element	*page 31*

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

- Front bezel illuminated

- Accessories for halo illumination: Essential lenses Part No. 84-7202.x00A and 84-7205.x00A

Mounting cut-outs [mm]

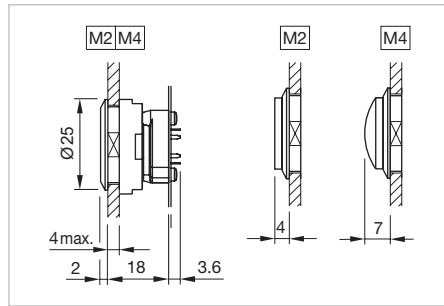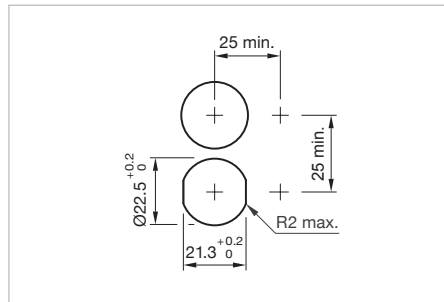| Front ring	Part No.	Weight
Indicator actuator with halo illumination standard, Front dimension Ø 25 mm		
Plastic colourless translucent	84-0090.7	0.006 kg

Indicator with halo illumination PCB standard, IP 67

Equipment consisting of (schematic overview)		
	Lens	*page 26*
	Actuator	
	Fixing nut	
	Mounting flange	*page 37*
	LED	*page 39*
	Illumination element	*page 36*

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]
M2 = Lens raised above bezel,
M4 = Lens convexe raised above bezel

Mounting cut-outs [mm]

Product can differ from the current configuration.

Additional Information

- Front bezel illuminated
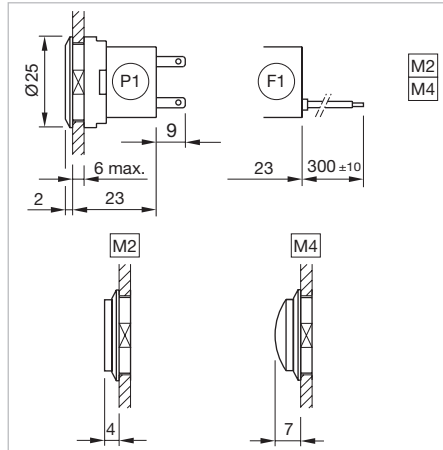- Accessories for halo illumination: Essential lenses Part No. 84-7202.x00A and 84-7205.x00A

Front ring	Part No.	Weight
Indicator actuator with halo illumination PCB standard, Front dimension Ø 25 mm		
Plastic colourless translucent	**84-0090.7**	0.006 kg

Pushbutton actuator with halo illumination standard, IP 67
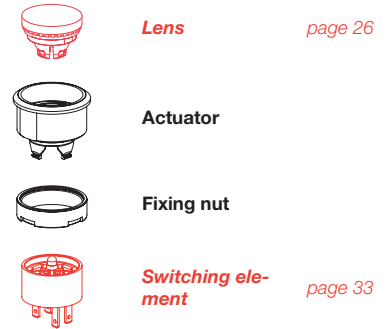

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P1 = Plug-in terminal 2.8 x 0.8 mm,
M2 = Lens raised above bezel,
M4 = Lens convexe raised above bezel

Equipment consisting of (schematic overview)

	Lens	*page 26*
	Actuator	
	Fixing nut	
	Switching element	*page 33*

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.
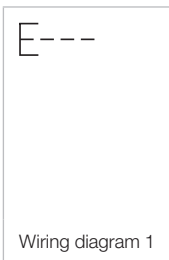
Additional Information

• Front bezel illuminated

• Accessories for halo illumination: Essential lenses Part No. 84-7202.x00A and 84-7205.x00A
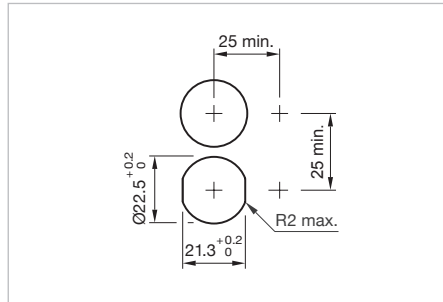
Mounting cut-outs [mm]

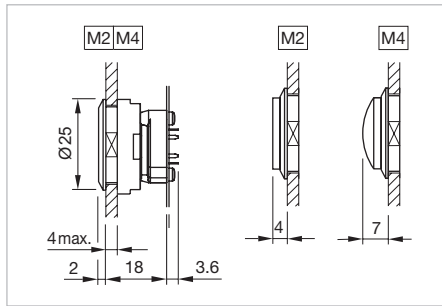| Front ring	Switching action	Part No.	Wiring diagram	Weight
Pushbutton actuator with halo illumination standard, Front dimension Ø 25 mm				
Plastic colourless translucent	B	**84-1091.7**	1	0.006 kg

Switching action: B = Momentary

Wiring diagram 1

Pushbutton with halo illumination PCB standard, IP 67

Equipment consisting of (schematic overview)

	Lens	*page 26*
	Actuator	
	Fixing nut	
	Mounting flange	*page 37*
	LED	*page 39*
	Switching element	*page 34*

Each Part Number listed below includes all the black components shown in the 3D-drawing.
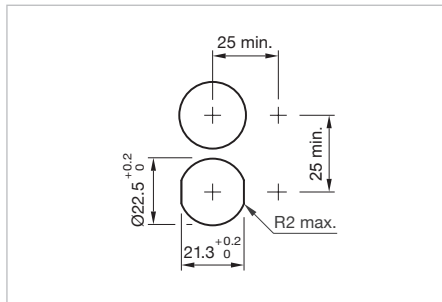
To obtain a complete unit, please select the red components from the pages shown.

Dimensions [mm]
M2 = Lens raised above bezel,
M4 = Lens convexe raised above bezel

Mounting cut-outs [mm]

Product can differ from the current configuration.

Additional Information

- Front bezel illuminated

- Accessories for halo illumination: Essential lenses Part No. 84-7202.x00A and 84-7205.x00A

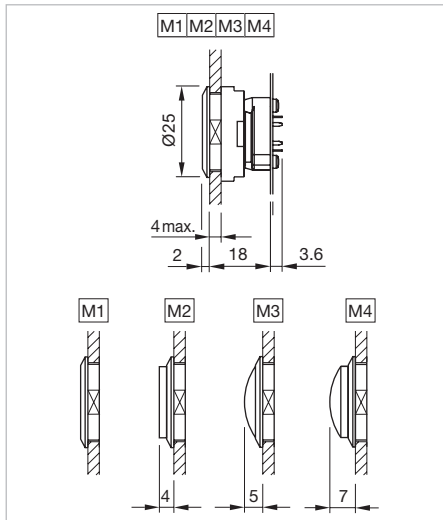| Front ring	Switching action	Part No.	Wiring diagram	Weight
Pushbutton actuator with halo illumination PCB standard, Front dimension Ø 25 mm				
Plastic colourless translucent	B	**84-1091.7**	1	0.006 kg

Switching action: B = Momentary

Wiring diagram 1

Indicator for ring illumination (multicolor) PCB or Halo Compact, IP 67

Product can differ from the current configuration.

M1 M2 M3 M4

Ø25

4 max.
2   18   3.6

M1   M2   M3   M4

4   5   7

Dimensions [mm]
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M3 = Lens konvexe level with bezel,
M4 = Lens convexe raised above bezel

Equipment consisting of (schematic overview)

	Lens	*page 24*
	Actuator	
	Befestigungs-mutter	
	Mounting flange	*page 37*
	Single-LED	*page 39*
	Illumination element	*page 36*

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

• The LEDs are not part of delivery.
  Recommendation: Osram Hyper Mini TOPLED

25 min.

$\varnothing 22.5^{+0.2}_{0}$

25 min.

R2 max.

$21.3^{+0.2}_{0}$
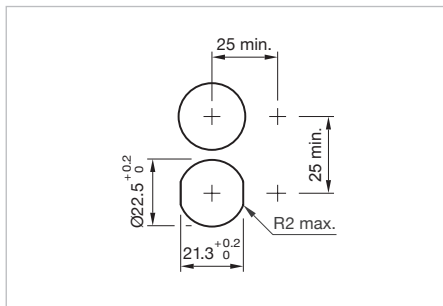
Mounting cut-outs [mm]

Front ring	Part No.	Weight
Indicator actuator for ring illumination (multicolor) PCB or Halo Compact, Front dimension Ø 25 mm		
Plastic colourless transparent	84-0080.7	0.006 kg

Pushbutton for ring illumination (multicolor) PCB or Halo Compact, IP 67

Equipment consisting of (schematic overview)

	Lens	*page 24*
	Actuator	
	Fixing nut	
	Mounting flange	*page 37*
	LED	*page 39*
	Switching element	*page 34*

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.

M1 M2 M3 M4

Ø25

4 max.
2   18   3.6

M1   M2   M3   M4

4   5   7

Dimensions [mm]
M1 = Lens level with bezel,
M2 = Lens raised above bezel,
M3 = Lens konvexe level with bezel,
M4 = Lens convexe raised above bezel

Product can differ from the current configuration.

25 min.

25 min.

Ø22.5 $^{+0.2}_{0}$

R2 max.

21.3 $^{+0.2}_{0}$
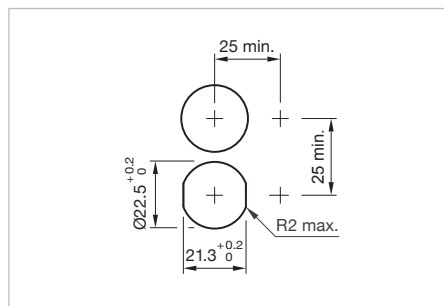
Mounting cut-outs [mm]

Additional Information

- The LEDs are not part of delivery.
  Recommendation: Osram Hyper Mini TOPLED

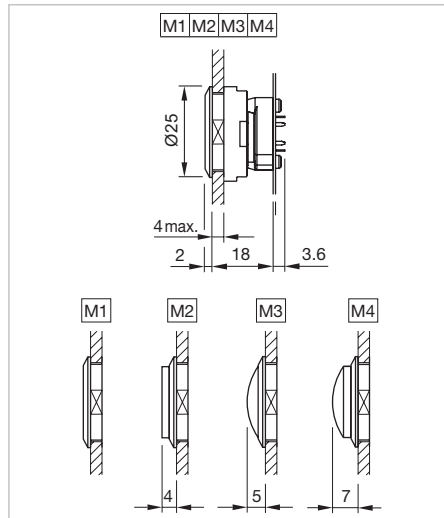| Front ring	Switching action	Part No.	Wiring diagram	Weight
Pushbutton actuator for ring illumination (multicolor) PCB or Halo Compact, Front dimension Ø 25 mm				
Plastic colourless transparent	B	**84-1081.7**	1	0.006 kg

Switching action: B = Momentary

E – – –

Wiring diagram 1
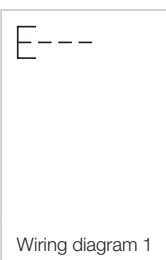
Emergency-stop switch complete, foolproof EN IEC 60947-5-5, IP 65

Product can differ from the current configuration.
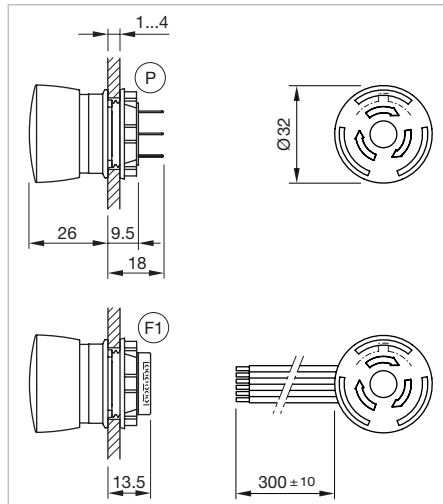
Dimensions [mm]
F1 = Flat ribbon cable,
P = Plug-in terminal 2.8 x 0.5 mm

Equipment consisting of (schematic overview)

Actuator

Fixing nut

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

Additional Information

- Lens plastic red
- Switching action maintain
- Twist to unlock clockwise
- Application as per DIN EN ISO 13850 and EN 60204-1
- Standard version: Flat ribbon-cable length 300 mm or plug-in terminal 2.8 x 0.5 mm
- Other options on request: Customisation of flat ribbon-cable and connectors
- Luminosity and wave length scattering caused by LED manufacturing processes may cause slight variations in the illumination

Mounting cut-outs [mm]

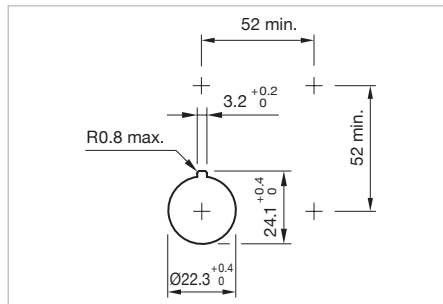| Product attribute	LED colour	Contacts	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Emergency-stop switch complete, foolproof EN IEC 60947-5-5, Front dimension Ø 32 mm							
Position indication ring green		1 NC	Flat ribbon cable	**84-5120.0040**	1	1	0.036 kg
		1 NC + 1 NO	Flat ribbon cable	**84-5130.0040**	1	2	0.036 kg
		2 NC	Flat ribbon cable	**84-5140.0040**	1	3	0.036 kg
	Single-LED red	1 NC	Flat ribbon cable	**84-5121.2B40**	1	4	0.036 kg
		1 NC + 1 NO	Flat ribbon cable	**84-5131.2B40**	1	5	0.036 kg
		2 NC	Flat ribbon cable	**84-5141.2B40**	1	6	0.036 kg
Position indication ring black		1 NC	Flat ribbon cable	**84-5020.0040**	1	1	0.036 kg
		1 NC + 1 NO	Flat ribbon cable	**84-5030.0040**	1	2	0.036 kg
		2 NC	Flat ribbon cable	**84-5040.0040**	1	3	0.036 kg
	Single-LED red	1 NC	Flat ribbon cable	**84-5021.2B40**	1	4	0.036 kg
		1 NC + 1 NO	Flat ribbon cable	**84-5031.2B40**	1	5	0.036 kg
		2 NC	Flat ribbon cable	**84-5041.2B40**	1	6	0.036 kg

Product attribute	LED colour	Contacts	Terminal	Part No.	Component layout	Wiring diagram	Weight
		Emergency-stop switch complete, foolproof EN IEC 60947-5-5, Front dimension Ø 32 mm					
Position indication ring green		1 NC	Plug 2.8 x 0.5 mm	**84-5120.0020**	2	1	0.028 kg
		1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-5130.0020**	2	2	0.028 kg
		2 NC	Plug 2.8 x 0.5 mm	**84-5140.0020**	2	3	0.028 kg
	Single-LED red	1 NC	Plug 2.8 x 0.5 mm	**84-5121.2B20**	2	3	0.028 kg
		1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-5131.2B20**	2	5	0.028 kg
		2 NC	Plug 2.8 x 0.5 mm	**84-5141.2B20**	2	6	0.028 kg
Position indication ring black		1 NC	Plug 2.8 x 0.5 mm	**84-5020.0020**	2	1	0.028 kg
		1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-5030.0020**	2	2	0.028 kg
		2 NC	Plug 2.8 x 0.5 mm	**84-5040.0020**	2	3	0.028 kg
	Single-LED red	1 NC	Plug 2.8 x 0.5 mm	**84-5021.2B20**	2	4	0.028 kg
		1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-5031.2B20**	2	5	0.028 kg
		2 NC	Plug 2.8 x 0.5 mm	**84-5041.2B20**	2	6	0.028 kg

Contacts: NC = Normally closed, NO = Normally open
The component layouts you will find from page 51

Wiring diagram 1
Wiring diagram 2
Wiring diagram 3
Wiring diagram 4
Wiring diagram 5
Wiring diagram 6
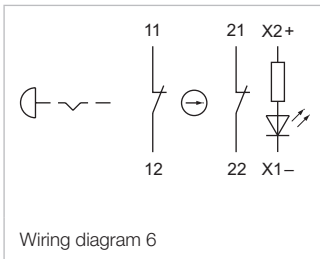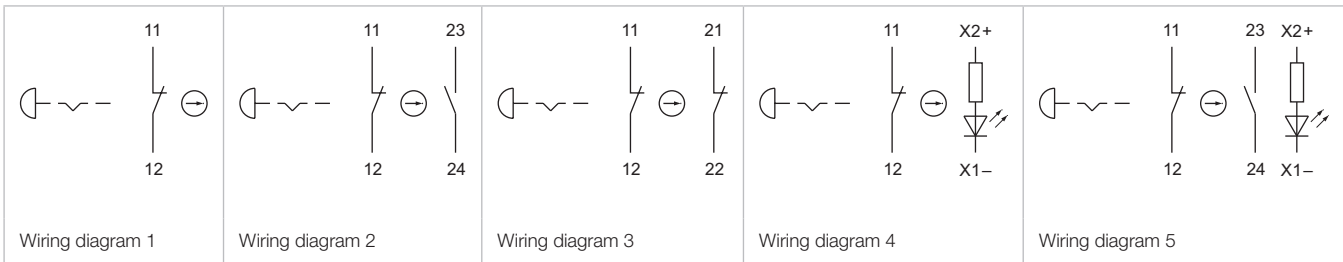
Stop switch complete grey, IP 65

Product can differ from the current configuration.

Dimensions [mm]
F1 = Flat ribbon cable,
P = Plug-in terminal 2.8 x 0.5 mm

Equipment consisting of (schematic overview)

Actuator

Fixing nut

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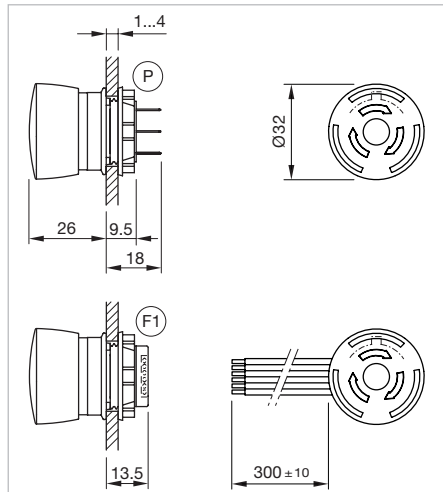
Additional Information

- Lens plastic grey

- Switching action maintain

- Position indication ring black

- Twist to unlock clockwise

- Standard version: Flat ribbon-cable length 300 mm or plug-in terminal 2.8 x 0.5 mm

- Other options on request: Customisation of flat ribbon-cable and connectors

- Luminosity and wave length scattering caused by LED manufacturing processes may cause slight variations in the illumination
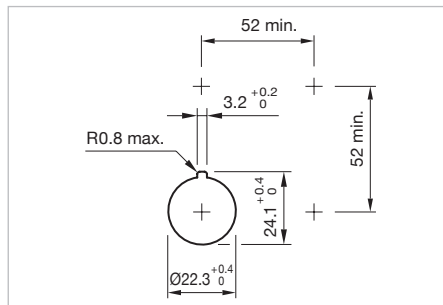
Mounting cut-outs [mm]

LED colour	Contacts	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Stop switch complete grey, Front dimension Ø 32 mm						
	1 NC	Flat ribbon cable	**84-6820.0040**	1	1	0.036 kg
	1 NC + 1 NO	Flat ribbon cable	**84-6830.0040**	1	2	0.036 kg
	2 NC	Flat ribbon cable	**84-6840.0040**	1	3	0.036 kg
Single-LED red	1 NC	Flat ribbon cable	**84-6821.2B40**	1	4	0.036 kg
	1 NC + 1 NO	Flat ribbon cable	**84-6831.2B40**	1	5	0.036 kg
	2 NC	Flat ribbon cable	**84-6841.2B40**	1	6	0.036 kg

LED colour	Contacts	Terminal	Part No.	Component layout	Wiring diagram	Weight
	Stop switch complete grey, Front dimension Ø 32 mm					
	1 NC	Plug 2.8 x 0.5 mm	**84-6820.0020**	2	1	0.028 kg
	1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-6830.0020**	2	2	0.028 kg
	2 NC	Plug 2.8 x 0.5 mm	**84-6840.0020**	2	3	0.028 kg
Single-LED red	1 NC	Plug 2.8 x 0.5 mm	**84-6821.2B20**	2	4	0.028 kg
	1 NC + 1 NO	Plug 2.8 x 0.5 mm	**84-6831.2B20**	2	5	0.028 kg
	2 NC	Plug 2.8 x 0.5 mm	**84-6841.2B20**	2	6	0.028 kg

Contacts: NC = Normally closed, NO = Normally open
The component layouts you will find from page 51

Wiring diagram 1

Wiring diagram 2

Wiring diagram 3

Wiring diagram 4

Wiring diagram 5

Wiring diagram 6

84 Accessories
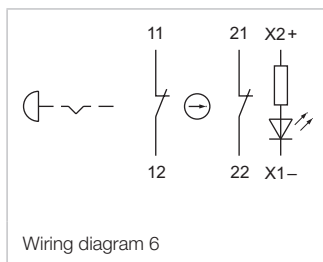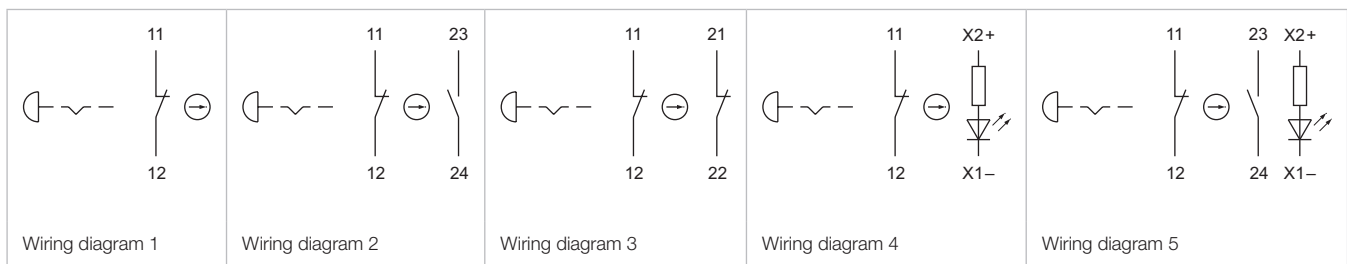
Front

Lens plastic

Additional Information

• Lens profile flat

Product attribute	Dimension	Lens	Mounting type	Part No.	Weight
Lens plastic					
illuminative	Ø 19.7 mm	red transparent	level with bezel	**84-7111.200**	0.001 kg
		orange transparent	level with bezel	**84-7111.300**	0.001 kg
		yellow transparent	level with bezel	**84-7111.400**	0.001 kg
		green transparent	level with bezel	**84-7111.500**	0.001 kg
		blue transparent	level with bezel	**84-7111.600**	0.001 kg
		colourless transparent	level with bezel	**84-7111.700**	0.001 kg
non-illuminative	Ø 19.7 mm	black opaque	level with bezel	**84-7121.000**	0.001 kg
		grey opaque	level with bezel	**84-7121.800**	0.001 kg
illuminative	Ø 19.7 mm	red transparent	raised above bezel	**84-7115.200**	0.001 kg
		orange transparent	raised above bezel	**84-7115.300**	0.001 kg
		yellow transparent	raised above bezel	**84-7115.400**	0.001 kg
		green transparent	raised above bezel	**84-7115.500**	0.001 kg
		blue transparent	raised above bezel	**84-7115.600**	0.001 kg
		colourless transparent	raised above bezel	**84-7115.700**	0.001 kg
non-illuminative	Ø 19.7 mm	black opaque	raised above bezel	**84-7125.000**	0.001 kg
		grey opaque	raised above bezel	**84-7125.800**	0.001 kg

Marking plate

Additional Information

• Can be hot stamped

Marking plate	Part No.	Weight
Legend plate for lens plastic		
Plastic colourless transparent	**61-9707.7**	0.001 kg

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Lens plastic with symbol

Additional Information

- Lens profile flat
- Illuminative
- The silvery coat is being applied on the lens (screen print) with an additional protective lacquer. Further information see «Technical data»

Dimension	Lens	Mounting type	Symbol	Part No.	Weight
Lens plastic with symbol					
Ø 19.7 mm	red transparent	level with bezel	Ring	**84-7111.201**	0.002 kg
	orange transparent	level with bezel	Ring	**84-7111.301**	0.002 kg
	yellow transparent	level with bezel	Ring	**84-7111.401**	0.002 kg
	green transparent	level with bezel	Ring	**84-7111.501**	0.002 kg
	blue transparent	level with bezel	Ring	**84-7111.601**	0.002 kg
	colourless transparent	level with bezel	Ring	**84-7111.701**	0.002 kg
Lens plastic with symbol					
Ø 19.7 mm	red transparent	level with bezel	ON/OFF	**84-7111.202**	0.002 kg
	green transparent	level with bezel	ON/OFF	**84-7111.502**	0.002 kg
	blue transparent	level with bezel	ON/OFF	**84-7111.602**	0.002 kg
	colourless transparent	level with bezel	ON/OFF	**84-7111.702**	0.002 kg
Lens plastic with symbol					
Ø 19.7 mm	red transparent	level with bezel	Stand by	**84-7111.203**	0.002 kg
	green transparent	level with bezel	Stand by	**84-7111.503**	0.002 kg
	blue transparent	level with bezel	Stand by	**84-7111.603**	0.002 kg
	colourless transparent	level with bezel	Stand by	**84-7111.703**	0.002 kg

Lens metal

Additional Information

- The colour of anodized aluminium parts can vary due to technical production reasons

Product attribute	Dimension	Lens	Mounting type	Part No.	Weight
Lens metal					
flat	Ø 19.7 mm	Aluminium black anodized	level with bezel	**84-7201.000**	0.003 kg
	Ø 19.7 mm	Aluminium red anodized	level with bezel	**84-7201.200**	0.003 kg