

Series 61

16mm 22.5mm 21 x 21mm 21 x 27mm IP65 5A 250VAC



Choose one component from each of the colored sections to assemble a complete switch.
For other options or further information please contact EAO Switch directly.

Product Profile

The Series 61 is a high quality, modular switch range that includes pushbuttons, indicators, selector switches, keylock switches and Emergency-stops. Available in raised or flush mount.

Self cleaning snap-action and slow-make switching elements available.

Technical drawings see pages 67-68

- IP65 Protection
- Switch Rating, 5A, 250VAC
- Raised Mounting into 16mm cut out
- Flush Mounting into 22.5mm, 21x21mm and 21x27mm cut out
- Illumination using midget-grooved T-1 $\frac{3}{4}$ lamps or single chip LED's
- All standard lenses are transparent with translucent white diffusers and are available in different colors
- For keylock switches 135 different key codes are available

Indicator



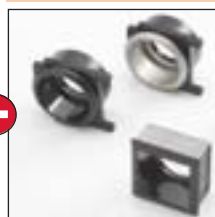
LED



Accessories



Accessories



A guide to ordering parts - choice of front bezel determines front shape for flush mount versions.

Accessories are optional.

For a complete indicator you will need to order the appropriate indicator, LED, lens and bezel (for flush mount only)

Illuminated pushbutton



Contact block



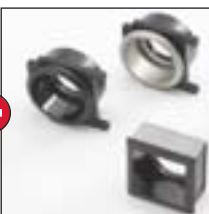
LED (optional)



Accessories



Accessories

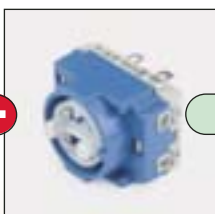


For a complete illuminated pushbutton you will need to order the appropriate actuator, contact block, LED, lens and bezel (for flush mount only)

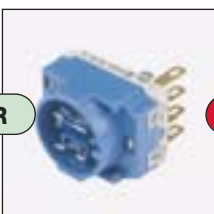
Keylock switch



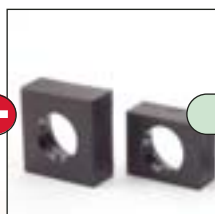
Contact block



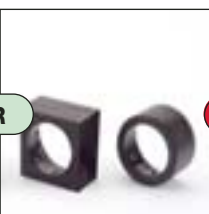
Contact block



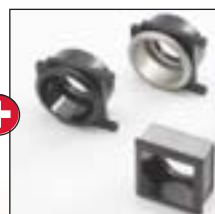
Accessories



Accessories



Accessories

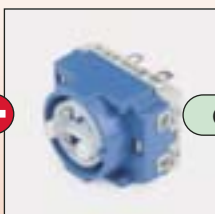


For a complete keylock switch you will need to order the appropriate actuator, contact block and bezel (for flush mount only)

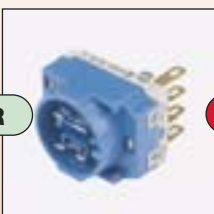
Selector switch



Contact block



Contact block



LED (optional)



Accessories



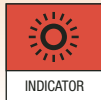
Accessories



For a complete selector switch you will need to order the appropriate actuator, contact block, LED, lever and bezel (for flush mount only)

Series 61

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Emergency-stop switch



Emergency-stop, twist release and key release, 27mm diameter for 16mm mounting, foolproof to EN 60947-5-5 and EN 418

Part No.	Product reference
61-3440.4/1	Twist release
61-5441.4/K	Key release
Must use Emergency-stop contact blocks	

For complete switch also order **A**

Keylock switch



Universal keylock switch, actuator, 2 position for raised and flush mount

Drawing	Part No.	Action	Key rem.
1	61-2101.0/D	Momentary	A
2	61-2201.0/D	Maintained	A
2	61-2203.0/D	Maintained	C
2	61-2205.0/D	Maintained	C+A
For flush mount order flush front bezel and front bezel adapter			

For complete switch also order **A**

Keylock switch



Universal keylock switch, actuator, 3 position for raised and flush mount

Drawing	Part No.	Action	Key rem.
3	61-2501.0/D	Momentary/Momentary	A
4	61-2601.0/D	Maintained/Maintained	A
4	61-2602.0/D	Maintained/Maintained	B
4	61-2603.0/D	Maintained/Maintained	C
4	61-2604.0/D	Maintained/Maintained	A+B
4	61-2605.0/D	Maintained/Maintained	C+A
4	61-2606.0/D	Maintained/Maintained	C+B
4	61-2607.0/D	Maintained/Maintained	C+A+B
For flush mount order flush front bezel and front bezel adapter			

For complete switch also order **A**



Keylock switch



Universal keylock switch, actuator, 3 position for raised and flush mount

Drawing	Part No.	Action	Key rem.
5	61-2701.0/D	Maintained/Momentary	A
5	61-2703.0/D	Maintained/Momentary	C
5	61-2705.0/D	Maintained/Momentary	C+A
6	61-2801.0/D	Momentary/Maintained	A
6	61-2802.0/D	Momentary/Maintained	B
6	61-2804.0/D	Momentary/Maintained	A+B
For flush mount order flush front bezel and front bezel adapter			

For complete switch also order **A**

Selector switch



Universal selector switch, actuator, 2 and 3 position for raised and flush mount

Drawing	Part No.	Action
7	61-4110.0	Momentary
8	61-4210.0	Maintained
9	61-4510.0	Momentary/Momentary
10	61-4610.0	Maintained/Maintained
11	61-4710.0	Maintained/Momentary
12	61-4810.0	Momentary/Maintained
Flush mount adapter determines round, square or rectangular		

For complete switch also order **A**

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BLOCK



LED



ACCESSORIES

Contact block



Contact block for pushbuttons and 2 position keylock and selector switches, snap-action, QC/solder terminals

Part No.	Contact type	Contact material
61-8410.12	1NO	Silver
61-8410.22	1NO	Gold
61-8420.12	2NO	Silver
61-8420.22	2NO	Gold
61-8470.12	1NO/1NC	Silver
61-8470.22	1NO/1NC	Gold

For complete switch also order ☉ ⚙️ Ⓜ️



Emergency-stop contact block, slow make

Image	Part No.	Contact type	Contact material	Terminal
1	61-8755.11	2NC	Silver	Screw
2	61-8755.17	2NC	Silver	QC/solder
1	61-8775.11	1NO/1NC	Silver	Screw
2	61-8775.17	1NO/1NC	Silver	QC/solder

For complete switch also order ☉



Contact block, 3 position keylock and selector switch, snap-action, QC/solder terminals

Part No.	Contact type	Contact material
61-8520.12	2NO	Silver
61-8520.22	2NO	Gold

For complete switch also order ⚙️ Ⓜ️

LED



LED, T-1 $\frac{3}{4}$ MG, single chip, 12 Volt and 28 Volt.
Also available in 6 Volt, 24 Volt and 48 Volt

Color	Part No.	Voltage
Red	10-2J09.1062	12VAC/DC, 7/14mA
Yellow	10-2J09.1064	12VAC/DC, 7/14mA
Green	10-2J09.1065	12VAC/DC, 4/7mA
Blue	10-2J09.1066	12VAC/DC, 7/14mA
White	10-2J09.1069	12VAC/DC, 7/14mA
Red	10-2J13.1062	28VAC/DC, 7/14mA
Yellow	10-2J13.1064	28VAC/DC, 7/14mA
Green	10-2J13.1065	28VAC/DC, 4/7mA
Blue	10-2J13.1066	28VAC/DC, 7/14mA
White	10-2J13.1069	28VAC/DC, 7/14mA

A Accessories



Lens, transparent with white diffuser, plastic for raised, rectangular indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9331.2	18 x 24mm
Yellow	61-9331.4	18 x 24mm
Green	61-9331.5	18 x 24mm
Blue	61-9331.6	18 x 24mm
Clear	61-9331.7	18 x 24mm

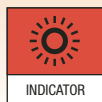


Lens, transparent with white diffuser, plastic for raised, square indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9351.2	24 x 24mm
Yellow	61-9351.4	24 x 24mm
Green	61-9351.5	24 x 24mm
Blue	61-9351.6	24 x 24mm
Clear	61-9351.7	24 x 24mm

Series 61

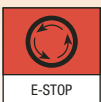
16mm 22.5mm 21 x 21mm 21 x 27mm IP65 5A 250VAC



INDICATOR



PUSHBUTTON



E-STOP



KEYLOCK



SELECTOR

Choose one component from each of the colored sections to assemble a complete switch.
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A Accessories



Lens, transparent with white diffuser, plastic for raised, square indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9321.2	18 x 18mm
Yellow	61-9321.4	18 x 18mm
Green	61-9321.5	18 x 18mm
Blue	61-9321.6	18 x 18mm
Clear	61-9321.7	18 x 18mm



Lens, transparent with white diffuser, plastic for raised, round indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9311.2	18mm Ø
Yellow	61-9311.4	18mm Ø
Green	61-9311.5	18mm Ø
Blue	61-9311.6	18mm Ø
Clear	61-9311.7	18mm Ø



Lens, transparent with white diffuser, plastic for flush mount, rectangular indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9681.2	24 x 30mm
Yellow	61-9681.4	24 x 30mm
Green	61-9681.5	24 x 30mm
Blue	61-9681.6	24 x 30mm
Clear	61-9681.7	24 x 30mm

A Accessories



Lens, transparent with white diffuser, plastic for flush mount, round indicator and pushbutton actuators

Color	Part No.	Size
Red	61-9642.2	25mm Ø
Yellow	61-9642.4	25mm Ø
Green	61-9642.5	25mm Ø
Blue	61-9642.6	25mm Ø
Clear	61-9642.7	25mm Ø



Lens, transparent with white diffuser, plastic for flush mount, square indicator and pushbutton actuators

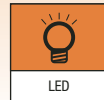
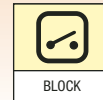
Color	Part No.	Size
Red	61-9671.2	24 x 24mm
Yellow	61-9671.4	24 x 24mm
Green	61-9671.5	24 x 24mm
Blue	61-9671.6	24 x 24mm
Clear	61-9671.7	24 x 24mm



Lever for selector switch, raised and flush mount, colored lever bar options available as indicated

Color	Part No., Raised	Part No., Flush mount	Window
Red	52-928.20	61-9028.20	Transparent
Yellow	52-928.40	61-9028.40	Transparent
Green	52-928.50	61-9028.50	Transparent
Blue	52-928.60	61-9028.60	Transparent
White	52-928.9	61-9028.9	Opaque
Black	52-928.0	61-9028.0	Opaque

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A Accessories



Keylock switch front bezel, raised black plastic

Image	Part No.	Size
1	61-9250.0	24 x 24mm
2	61-9130.0	18 x 24mm
3	61-9120.0	18 x 18mm
4	61-9110.0	18mm Ø



Flush front bezel for keylocks, black plastic

Image	Part No.	Size
1	61-9230.0	18 x 24mm
2	61-9220.0	18 x 18mm
3	61-9210.0	18mm Ø
4	61-9250.0	24 x 24mm

Flush bezel must be ordered/used
with keylock flush mount adapter



Flush mount adapter for indicators
and pushbuttons

Image	Part No.	Material	Size
1	61-9933.10	Plastic	25mm Ø
2	61-9933.0	Aluminum	25mm Ø
3	61-9931.0	Plastic	24 x 30mm
4	61-9930.0	Plastic	24 x 24mm
5	61-9933.1	Aluminum	25mm Ø

A Accessories



Flush mount adapter for keylocks and selectors

Image	Part No.	Material	Size
1	61-9932.10	Plastic	25mm Ø
2*	61-9936.0	Plastic	24 x 24mm
3	61-9932.0	Aluminum	25mm Ø
4	61-9932.1	Black aluminum	25mm Ø
5**	61-9930.0	Plastic	24 x 24mm
6**	61-9931.0	Plastic	24 x 30mm

For keylocks must also order flush front
bezel for keylock

* For selectors only ** For keylocks only



Flap guard, raised and flush mount

Image	Part No.	Size	Raised/Flush mount
1	61-9922.0	24 x 30mm	Flush
2	61-9921.0	24 x 24mm	Flush
3	61-9924.0	25mm Ø	Flush
4	61-9920.0	24 x 24mm	Raised
5	51-925	18 x 24mm	Raised
6	51-920	18 x 18mm	Raised



Blanking plate

Image	Part No.	Size	Mounting hole
1	61-9450.0	24 x 24mm	16mm Ø
2	61-9452.0	24 x 30mm	21 x 27mm
3	61-9451.0	24 x 24mm	21 x 21mm
4	51-947.0	18 x 24mm	16mm Ø
5	51-948.0	18 x 18mm	16mm Ø
6	51-949.0	18mm Ø	16mm Ø

61-9453.0 25mm Ø 22.5mm Ø



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A Accessories



1


2





Image	Part No.	Part No.	Part No.	Markings
1	31-929	Contact EAO Switch directly	61-9970.0	No markings
2	31-946		61-9970.2	Emergency Stop
			61-9970.1	Not Aus
			61-9970.3	Arret D'urgence

A Accessories



1

2



1

2

3

4

5



1

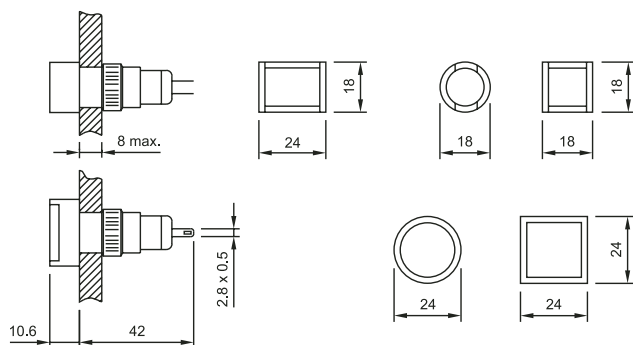
2

3

Image	Part No.	Image	Part No.	Product description	Image	Part No.
1	61-9480.5	1	61-9730.0	Lens remover for flush mount	1	61-9980.0
2	61-9481.6	2	01-907	Mounting tool	2	704.968.0
		3	02-905	Lens remover for raised	3	704.968.1
		4	61-9711.0	Contact block remover		
		5	61-9740.0	LED/lamp remover		

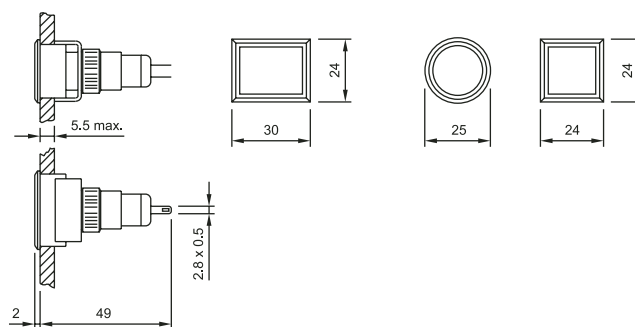
61 Indicator

Raised, Round, Square, Rectangular



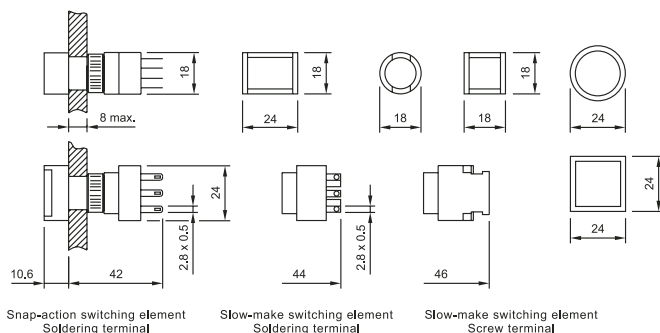
61 Indicator

Flush, Round, Square, Rectangular



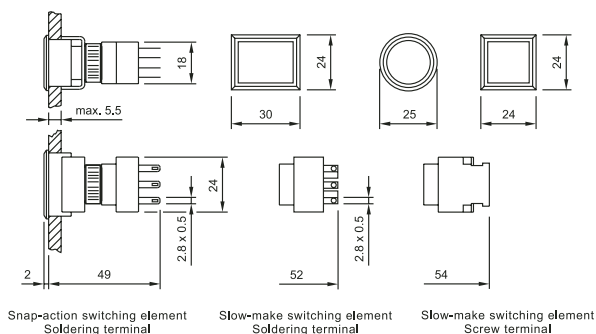
61 Pushbutton

Illuminated, Raised, Round, Square, Rectangular



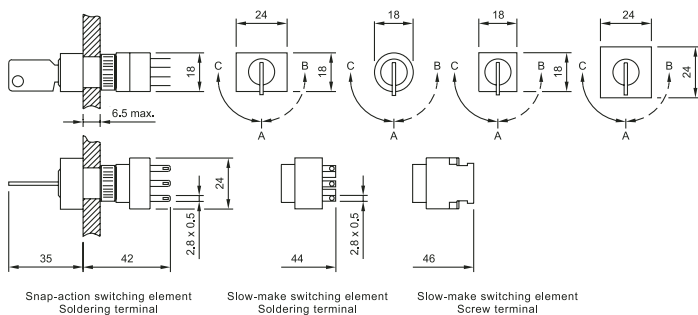
61 Pushbutton

Illuminated, Flush, Round, Square, Rectangular



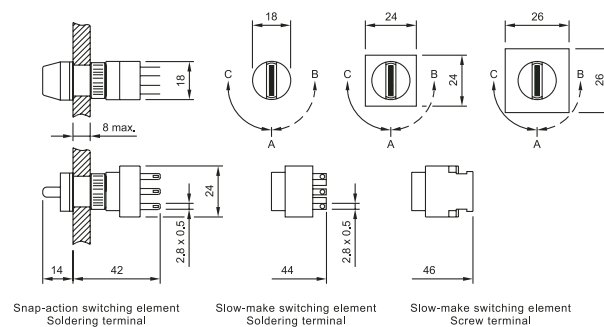
61 Keylock

2 & 3-Position, Round, Square, Rectangular



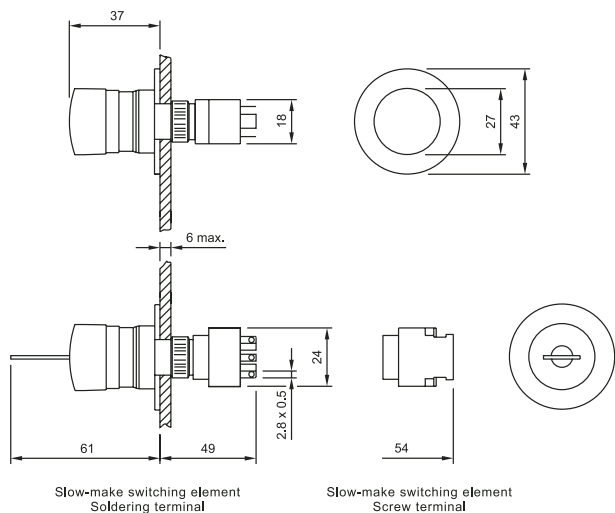
61 Selector

2 & 3-Position, Round, Square, Rectangular



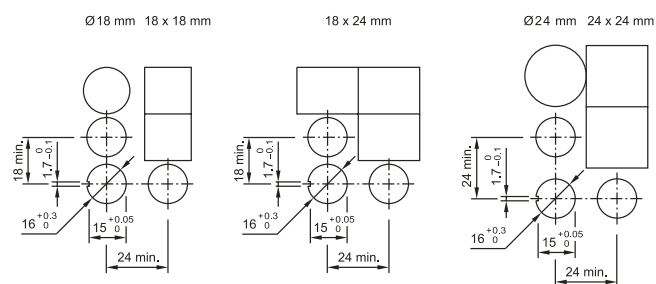
61 E-Stop

EN 418, EN 418 with Key



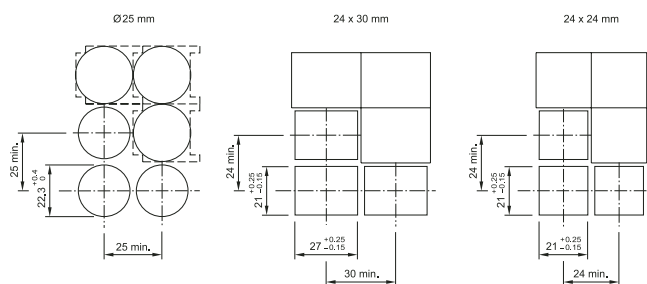
61 Cut-outs

Raised Indicators, Pushbuttons, Keylocks and Selectors



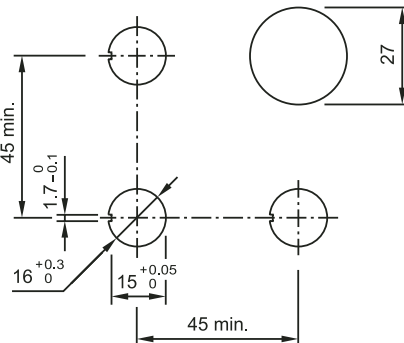
61 Cut-outs

Indicator Flush, Pushbutton Flush



61 E-Stop Cut-outs

EN 418, EN 418 with Key



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