

# Series 31

16mm IP40 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 31 is a high quality switch range that includes pushbuttons, indicators and buzzers. It is possible to choose up to 4NO/4NC snap-action switching elements per switch. Low level switching elements are also available.

Technical drawings see page 43

- IP40 Protection
- Switch Rating, 5A, 250VAC
- Raised Mounting into 16mm cut out
- Illumination using midget-grooved T-1<sup>3</sup>/<sub>4</sub> lamps or single chip LED's
- All standard lenses are transparent with translucent white diffuser and are available in different colors
- Buzzers voltage from 10 to 75VDC

## Indicator



Indicator bodies, raised in round, square and rectangular, black plastic, 16mm mounting, solder terminals

Image	Part No.	Size
1	31-040.005	18 x 24mm
2	31-050.005	18 x 18mm
3	31-030.005	18mm Ø

QC terminal versions also available

For complete switch also order **A**

## Illuminated pushbutton



Illuminated pushbutton actuator, snap-action, raised, rectangular, black plastic, 16mm mounting, solder terminals, gold over silver contacts

Part No.	Action	Contact Type	Size
31-121.025	Momentary	1NO/1NC	18 x 24mm
31-122.025	Momentary	2NO/2NC	18 x 24mm
31-261.025	Maintained	1NO/1NC	18 x 24mm
31-262.025	Maintained	2NO/2NC	18 x 24mm

QC terminal versions also available

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## Illuminated pushbutton



Illuminated pushbutton actuator, snap-action, raised, square, black plastic, 16mm mounting, solder terminals, gold over silver contacts

Part No.	Action	Contact type	Size
31-151.025	Momentary	1NO/1NC	18 x 18mm
31-152.025	Momentary	2NO/2NC	18 x 18mm
31-281.025	Maintained	1NO/1NC	18 x 18mm
31-282.025	Maintained	2NO/2NC	18 x 18mm

QC terminal versions also available

For complete switch also order **A**

## Buzzer



Buzzer, plastic bezel, raised, rectangular, 16mm mounting, continuous or intermittent tone, 88dB ± 8 at a distance of 0.1m

Part No.	Action	Contact type	Size	Image	Part No.	Voltage	Connection
31-131.025	Momentary	1NO/1NC	18mm Ø	1	31-810.005	10 - 55VAC/10 - 75VDC	PCB
31-132.025	Momentary	2NO/2NC	18mm Ø	2	31-801.002	10 - 26VDC	QC terminals
31-271.025	Maintained	1NO/1NC	18mm Ø				
31-272.025	Maintained	2NO/2NC	18mm Ø				

QC terminal versions also available

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**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.	Contact type
● 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, opaque for rectangular pushbutton actuators, not for illumination

Color	Part No.	Size
● Black	31-901.0	18 x 24mm



Lens, front transparent with white diffuser for rectangular indicator and pushbutton actuator

Color	Part No.	Size
● Red	31-903.2	18 x 24mm
● Yellow	31-903.4	18 x 24mm
● Green	31-903.5	18 x 24mm
● Blue	31-903.6	18 x 24mm
○ Clear	31-903.7	18 x 24mm

**A Accessories**



Lens, opaque for square pushbutton actuators, not for illumination

Color	Part No.	Size
● Black	31-951.0	18 x 18mm



Lens, front transparent with white diffuser for square indicator and pushbutton actuator

Color	Part No.	Size
● Red	31-953.2	18 x 18mm
● Yellow	31-953.4	18 x 18mm
● Green	31-953.5	18 x 18mm
● Blue	31-953.6	18 x 18mm
○ Clear	31-953.7	18 x 18mm



Lens, opaque for round pushbutton actuators, not for illumination

Color	Part No.	Size
● Black	31-931.0	18mm Ø



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## A Accessories



Lens, front transparent with white diffuser for round indicator and pushbutton actuator

Color	Part No.	Size
● Red	31-933.2	18mm Ø
● Yellow	31-933.4	18mm Ø
● Green	31-933.5	18mm Ø
● Blue	31-933.6	18mm Ø
○ Clear	31-933.7	18mm Ø



Flap guard, raised, square, round and rectangular

Image	Part No.	Size
1	31-925	18 x 24mm
2*	31-920	18 x 18mm

\*Can be used with round pushbuttons



Sprayproof cover, square and rectangular, IP65

Image	Part No.	Comment	Size
1	31-924.2	PVC rear, silicon front	18 x 24mm
2	31-923	Both PVC	18 x 18mm



## A Accessories



Blanking plate

Image	Part No.	Size
1	01-947.0	18 x 24mm
2	01-948.0	18 x 18mm
3	01-949.0	18mm Ø

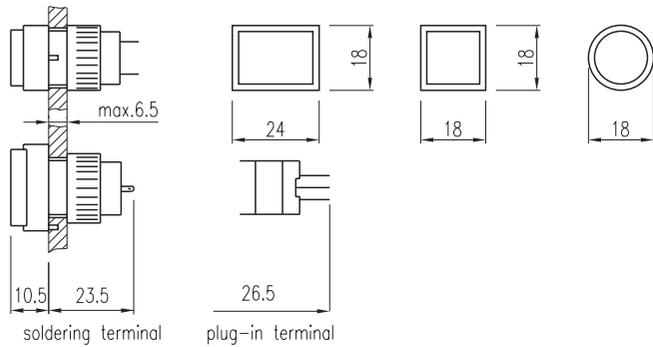


Mounting tool, lens and LED remover

Image	Part No.	Product description
1	01-907	Mounting tool
2	02-905	Lens remover
3	61-9740.0	LED remover
4	02-906	Lamp remover

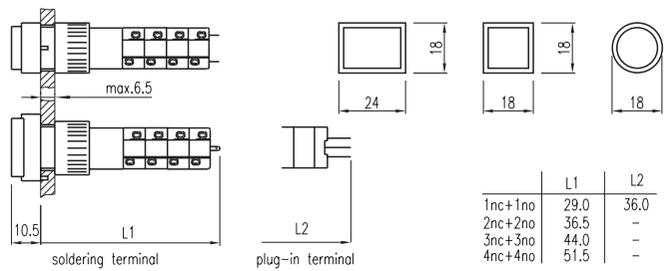
## 31 Indicator

Raised, Round, Square, Rectangular



## 31 Pushbutton

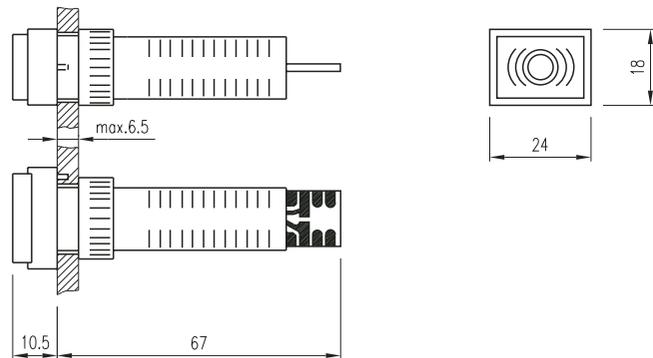
Illuminated, Raised, Round, Square, Rectangular



	L1	L2
1nc+1no	29.0	36.0
2nc+2no	36.5	-
3nc+3no	44.0	-
4nc+4no	51.5	-

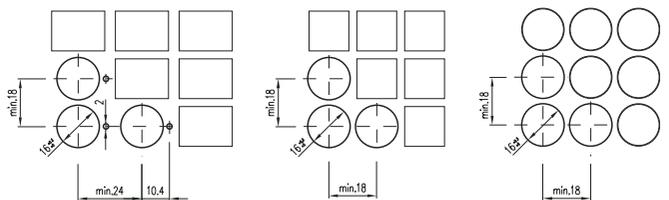
## 31 Buzzer

Raised



## 31 Indicator Cut-outs

Raised, Round, Square, Rectangular



## 31 Pushbutton Cut-outs

Raised, Round, Square, Rectangular

