



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 51 is a high quality switch range that includes pushbuttons, indicators, illuminated selector switches and keylock switches. 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 pages 56-57

- IP65 Protection
- Switch Rating, 5A, 250VAC
- Raised Mounting into 16mm cut out
- Illumination using midget-grooved T-1 $\frac{1}{3}$  lamps or single chip LED's
- All standard lenses are transparent with translucent white diffusers, and are available in different colors
- For keylock switches 2 key systems and 145 different key codes are available
- QC versions also available

## Indicator



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

Image	Part No.	Size
1	51-040.005	18 x 24mm
2	51-050.005	18 x 18mm
3	51-030.005	18mm Ø

For complete switch also order **A**

## Illuminated pushbutton



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

Part No.	Action	Contact type	Size
51-121.025	Momentary	1NO/1NC	18 x 24mm
51-122.025	Momentary	2NO/2NC	18 x 24mm
51-261.025	Maintained	1NO/1NC	18 x 24mm
51-262.025	Maintained	2NO/2NC	18 x 24mm

For complete switch also order **A**

## Illuminated pushbutton



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

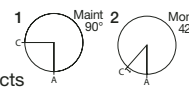
Part No.	Action	Contact type	Size
51-151.025	Momentary	1NO/1NC	18 x 18mm
51-152.025	Momentary	2NO/2NC	18 x 18mm
51-281.025	Maintained	1NO/1NC	18 x 18mm
51-282.025	Maintained	2NO/2NC	18 x 18mm

For complete switch also order **A**

## Keylock switch



Keylock switch, 2 position, raised, snap-action, round, black plastic, 18mm Ø, solder terminals, gold over silver contacts




Part No.	Action	Contact type	Size	Drawing	Part No.	Contact type	Key rem.
51-131.025	Momentary	1NO/1NC	18mm Ø	1	51-135.025D	1NO/1NC	A+C
51-132.025	Momentary	2NO/2NC	18mm Ø	1	51-136.025D	2NO/2NC	A+C
51-271.025	Maintained	1NO/1NO	18mm Ø	1	51-235.025D	1NO/1NC	A
51-272.025	Maintained	2NO/2NC	18mm Ø	1	51-335.025D	1NO/1NC	C
				2	51-141.025D	1NO/1NC	A

For complete switch also order **A**

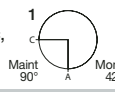

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**Keylock switch**


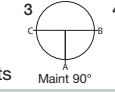



Keylock switch, 2 position, raised, snap-action, square, black plastic, 18 x 18mm, solder terminals, gold over silver contacts

1  2 





Keylock switch, 2 position, raised, snap-action, rectangular, black plastic, 18 x 24mm, solder terminals, gold over silver contacts

1  2 




Keylock switch, 3 position, raised, snap-action, rectangular, black plastic, 18 x 24mm, solder terminals, gold over silver contacts

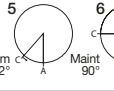

3  4 


Drawing	Part No.	Contact type	Key rem.	Drawing	Part No.	Contact type	Key rem.	Drawing	Part No.	Contact type	Key rem.
2	51-145.025D	1NO/1NC	A	1	51-195.025D	1NO/1NC	A+C	3	51-361.022D	2x 1NO/1NC	A
2	51-146.025D	2NO/2NC	A	1	51-196.025D	2NO/2NC	A+C	3	51-362.022D	2x 2NO/2NC	C + A + B
1	51-155.025D	1NO/1NC	A+C	1	51-295.025D	1NO/1NC	A	4	51-364.022D	2x 1NO/1NC	A
1	51-255.025D	1NO/1NC	A	1	51-296.025D	2NO/2NC	A				
1	51-355.025D	1NO/1NC	C	1	51-395.025D	1NO/1NC	C				
				1	51-396.025D	2NO/2NC	C				
				2	51-495.025D	1NO/1NC	A				
				2	51-496.025D	2NO/2NC	A				

**Selector switch**

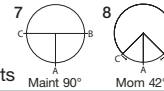



Selector switch, 2 position, raised, snap-action, round, black plastic, 18mm Ø, solder terminals, gold over silver contacts

5  6 



Selector switch, 3 position, raised, snap-action, round, black plastic, 18mm Ø, solder terminals, gold over silver contacts

7  8 

Drawing	Part No.	Contact type	Drawing	Part No.	Contact type
5	52-131.025	1NO/1NC	7	52-571.022A	2x 1NO/1NC
5	52-132.025	2NO/2NC	8	52-572.022A	2x 1NO/1NC
6	52-271.025	1NO/1NC			
6	52-272.025	2NO/2NC			

**LED**

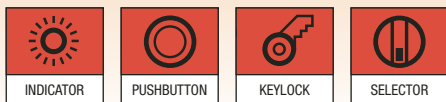


LED, T-1 3/4 MG, single chip, 12 Volt and 28 Volt. Also available in 6 Volt, 24 Volt and 48 Volt

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

For complete switch also order  **A**

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## A Accessories



Lens, opaque for rectangular pushbutton actuators, not for illumination



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



Lens, opaque for square pushbutton actuators, not for illumination

Color	Part No.	Size	Color	Part No.	Size	Color	Part No.	Size
● Black	51-901.0	18 x 24mm	● Red	51-903.2	18 x 24mm	● Black	51-951.0	18 x 18mm
			● Yellow	51-903.4	18 x 24mm			
			● Green	51-903.5	18 x 24mm			
			● Blue	51-903.6	18 x 24mm			
			○ Clear	51-903.7	18 x 24mm			

## A Accessories



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



Lens, opaque for round pushbutton actuators, not for illumination



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

Color	Part No.	Size	Color	Part No.	Size	Color	Part No.	Size
● Red	51-953.2	18 x 18mm	● Black	51-931.0	18mm Ø	● Red	51-933.2	18mm Ø
● Yellow	51-953.4	18 x 18mm				● Yellow	51-933.4	18mm Ø
● Green	51-953.5	18 x 18mm				● Green	51-933.5	18mm Ø
● Blue	51-953.6	18 x 18mm				● Blue	51-933.6	18mm Ø
○ Clear	51-953.7	18 x 18mm				○ Clear	51-933.7	18mm Ø

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## A Accessories



Lever for selector switch, colored lever bar options available as indicated

Color	Part No.	Window
● Black	52-928.0	Opaque
● Red	52-928.20	Transparent
● Yellow	52-928.40	Transparent
● Green	52-928.50	Transparent
● Blue	52-928.60	Transparent



Flap guard, raised in square, round and rectangular

Image	Part No.	Size
1	51-925	18 x 24mm
2*	51-920	18 x 18mm



Blanking plate

Image	Part No.	Size
1	51-947.0	18 x 24mm
2	51-948.0	18 x 18mm
3	51-949.0	18mm Ø

\*Can be used with round pushbuttons

## A Accessories



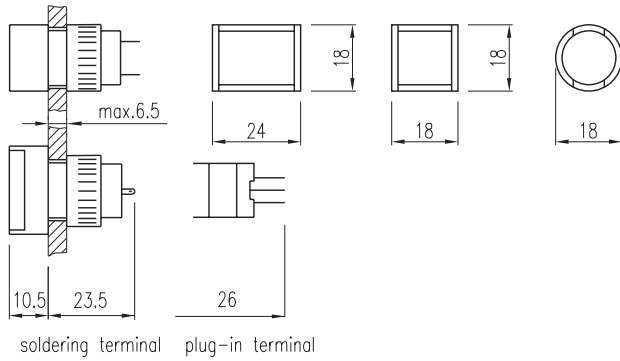
Mounting tool, lens and LED remover

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



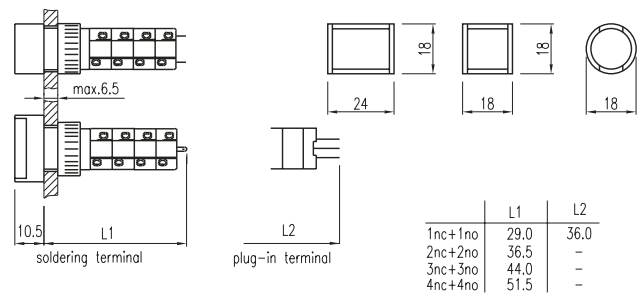
## 51 Indicator

Raised



## 51 Pushbutton

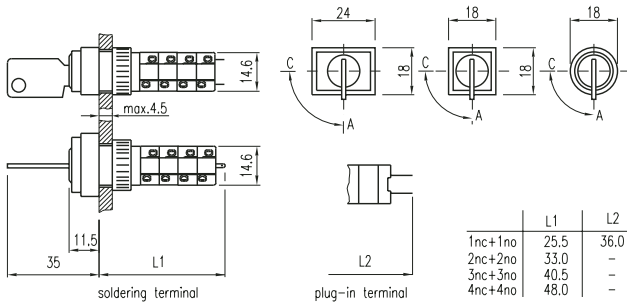
Raised, Round, Square, Rectangular



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

## 51 Keylock

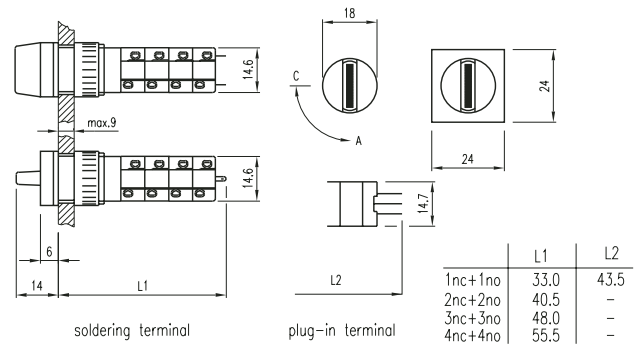
Raised, 2-Position, Round, Square, Rectangular



	L1	L2
1nc+1no	25.5	36.0
2nc+2no	33.0	-
3nc+3no	40.5	-
4nc+4no	48.0	-

## 52 Selector

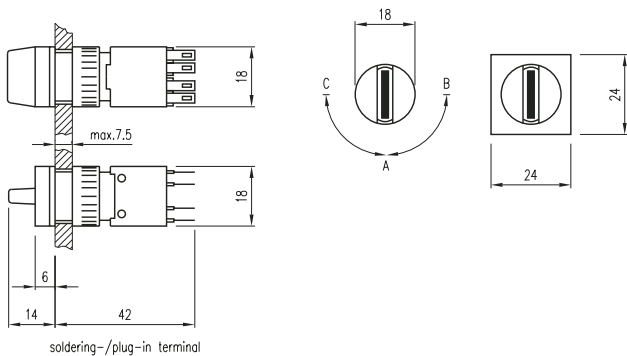
Raised, 2-Position, Round



	L1	L2
1nc+1no	33.0	43.5
2nc+2no	40.5	-
3nc+3no	48.0	-
4nc+4no	55.5	-

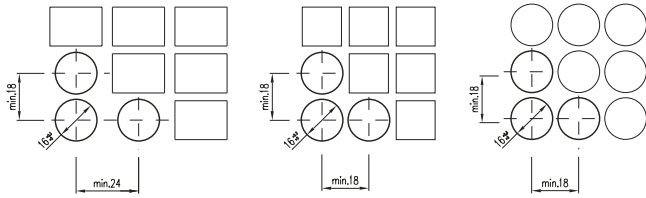
## 52 Selector

Raised, 3-Position, Round



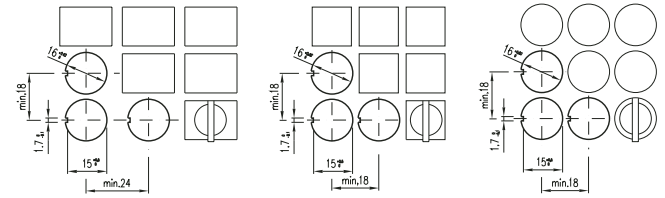
## 51 Cut-outs

Indicator, Pushbutton, Round, Square, Rectangular



## 51 Cut-outs

Keylock 2-Position Round, Keylock 2-Position Square, Keylock 2-Position Rectangular, 2 & 3-Position Selector Round



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**JONHON**

«**JONHON**» (основан в 1970 г.)

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(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

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