Series 51

16mm IP65 5A 250VAC

INDICATOR | PUSHBUTTON | KEYLOCK | SELECTOR

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-1⅓ 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

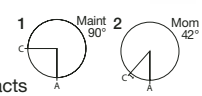
Illuminated pushbutton, snap-action, raised, round, black plastic, 16mm mounting, solder terminals, gold over silver contacts

Part No.	Action	Contact type	Size
51-131.025	Momentary	1NO/1NC	18mm Ø
51-132.025	Momentary	2NO/2NC	18mm Ø
51-271.025	Maintained	1NO/1NO	18mm Ø
51-272.025	Maintained	2NO/2NC	18mm Ø

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



Drawing	Part No.	Contact type	Key rem.
1	51-135.025D	1NO/1NC	A+C
1	51-136.025D	2NO/2NC	A+C
1	51-235.025D	1NO/1NC	A
1	51-335.025D	1NO/1NC	C
2	51-141.025D	1NO/1NC	A

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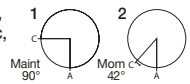
LED | A ACCESSORIES

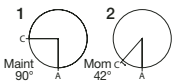
Keylock switch

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



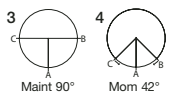
Drawing	Part No.	Contact type	Key rem.
2	51-145.025D	1NO/1NC	A
2	51-146.025D	2NO/2NC	A
1	51-155.025D	1NO/1NC	A+C
1	51-255.025D	1NO/1NC	A
1	51-355.025D	1NO/1NC	C

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



Drawing	Part No.	Contact type	Key rem.
1	51-195.025D	1NO/1NC	A+C
1	51-196.025D	2NO/2NC	A+C
1	51-295.025D	1NO/1NC	A
1	51-296.025D	2NO/2NC	A
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

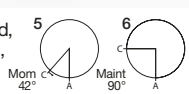
Keylock switch, 3 position, raised, snap-action, rectangular, black plastic, 18 x 24mm, solder terminals, gold over silver contacts



Drawing	Part No.	Contact type	Key rem.
3	51-361.022D	2x 1NO/1NC	A
3	51-362.022D	2x 2NO/2NC	C + A + B
4	51-364.022D	2x 1NO/1NC	A

Selector switch

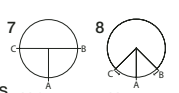
Selector switch, 2 position, raised, snap-action, round, black plastic, 18mm Ø, solder terminals, gold over silver contacts



Drawing	Part No.	Contact type
5	52-131.025	1NO/1NC
5	52-132.025	2NO/2NC
6	52-271.025	1NO/1NC
6	52-272.025	2NO/2NC

For complete switch also order A

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



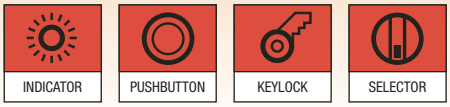
Drawing	Part No.	Contact type
7	52-571.022A	2x 1NO/1NC
8	52-572.022A	2x 1NO/1NC

For complete switch also order A

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



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A Accessories

Lens, opaque for rectangular pushbutton actuators, not for illumination

Color	Part No.	Size
Black	51-901.0	18 x 24mm

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

Color	Part No.	Size
Red	51-903.2	18 x 24mm
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

Lens, opaque for square pushbutton actuators, not for illumination

Color	Part No.	Size
Black	51-951.0	18 x 18mm

A Accessories

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

Color	Part No.	Size
Red	51-953.2	18 x 18mm
Yellow	51-953.4	18 x 18mm
Green	51-953.5	18 x 18mm
Blue	51-953.6	18 x 18mm
Clear	51-953.7	18 x 18mm

Lens, opaque for round pushbutton actuators, not for illumination

Color	Part No.	Size
Black	51-931.0	18mm Ø

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

Color	Part No.	Size
Red	51-933.2	18mm Ø
Yellow	51-933.4	18mm Ø
Green	51-933.5	18mm Ø
Blue	51-933.6	18mm Ø
Clear	51-933.7	18mm Ø

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

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

*Can be used with round pushbuttons

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

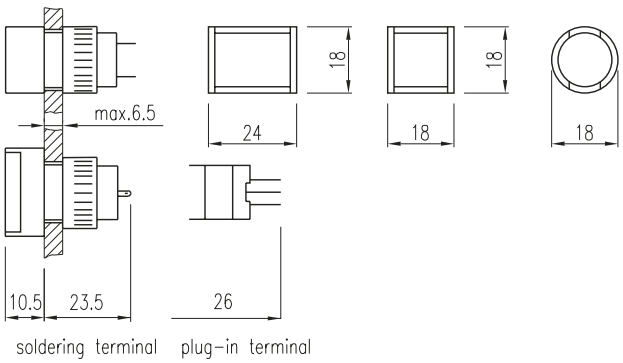
A Accessories

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

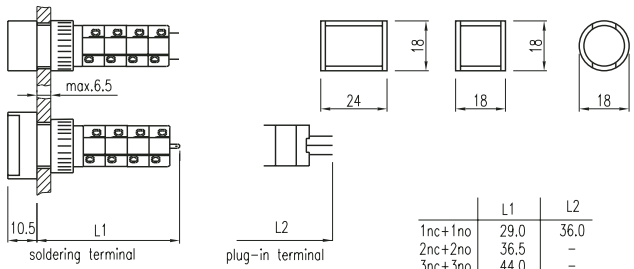
51 Indicator

Raised



51 Pushbutton

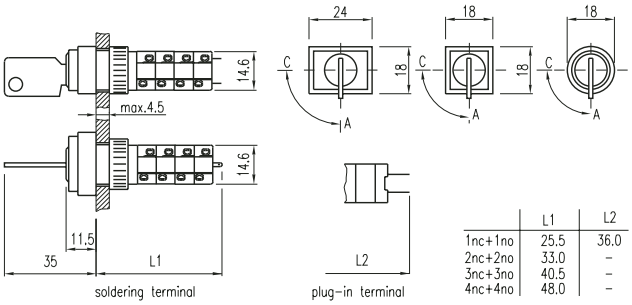
Raised, Round, Square, Rectangular



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

51 Keylock

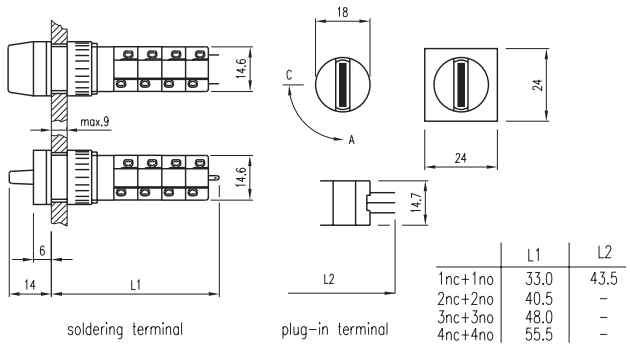
Raised, 2-Position, Round, Square, Rectangular



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

52 Selector

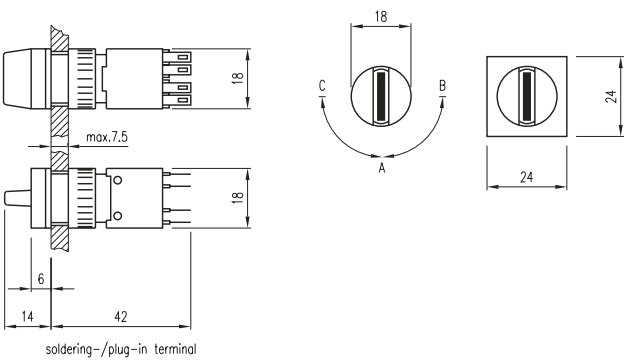
Raised, 2-Position, Round



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

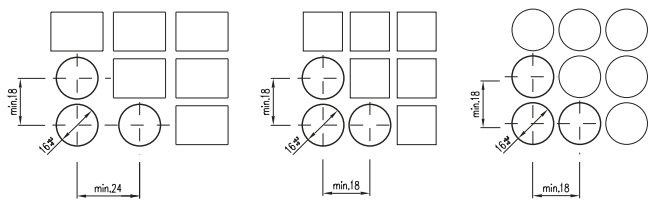
52 Selector

Raised, 3-Position, Round



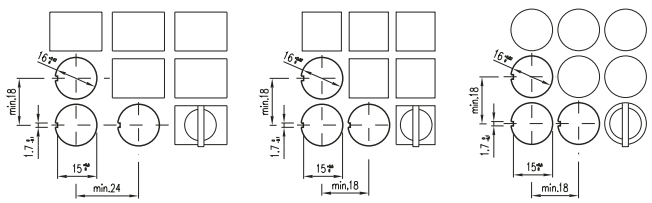
51 Cut-outs

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



LifeElectronics
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