

Series 04

22.5mm 30.5mm IP65 10A 600VAC



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

Product Profile

The Series 04 is a high quality switch range that includes pushbuttons, indicators, selectors, mushroom headed switches, key switches, and Emergency-stops.

Options include self cleaning, slow-make and snap-action switching elements.

Technical drawings see pages 18-21

- IP65 Protection
- Switch Rating:
Maximum Voltage, 600VAC
Maximum Thermal Current, $I_{th} = 10A$
230VAC/6A, 24VDC/10A
- Raised Mounting into 22.5mm cut out
- Flush Mounting into 30.5mm cut out
- Illumination using Ba9s (T-3¼ bayonet base) Lamps or LED's
- All standard lenses are transparent with translucent diffuser
- Screw terminal or plug-in connections

Indicator



Indicator, round, full face, 22.5mm mounting

Color	Part No.
Red	704.000.2
Yellow	704.000.4
Green	704.000.5
Blue	704.000.6
Clear	704.000.7

For complete switch also order



Indicator, flush mount, aluminum bezel, 30.5mm mounting

Color	Part No.
Red	704.006.218
Yellow	704.006.418
Green	704.006.518
Blue	704.006.618
Clear	704.006.718

For complete switch also order

Non-illuminated pushbutton



Non illuminated raised pushbutton, gray plastic bezel, 22.5mm mounting



Non illuminated raised pushbutton, aluminum bezel, 22.5mm mounting



Non illuminated flush mount pushbutton, aluminum bezel, 30.5mm mounting

Part Ordering System 704.02 -

Pushbutton Action	Lens/Cap Style	Front Ring Style	Material	Diffuser Type	Lens/Cap Color
1-Momentary	Standard-plastic	0-Standard	Black plastic	0-Black	0-Black
2-Momentary	Standard-metal	1-Standard	Anodized Al	1-No diffuser	2-Red
3-Momentary	Extended-plastic	2-Sealed	Ni plated brass	(Mushroom or opaque lens)	3-Orange*
4-Momentary	Mushroom-plastic		Silicone cover	7-Clear	4-Yellow
5-Maintained	Standard-plastic	3-Sealed	Anodized Al	9-White	5-Green
6-Maintained	Standard-metal		Silicon cover		6-Blue**
7-Maintained	Extended-plastic	4-Standard	Chrome plastic		7-White ***
8-Maintained	Mushroom-plastic	6-Standard	Gray plastic		8-Aluminum**
		7-Extended	Gray plastic		9-Steel**
		9-Standard	Steel		

For complete switch also order **A**

* Only available in standard plastic

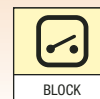
** Not available with mushroom cap

*** Combination of clear lens and white diffuser

Color	Part No., Momentary	Part No., Maintained
Red	704.012.218	704.042.218
Yellow	704.012.418	704.042.418
Green	704.012.518	704.042.518
Blue	704.012.618	704.042.618
Clear	704.012.718	704.042.718
Black	704.012.018	704.042.218

For complete switch also order **A**

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.



● Illuminated pushbutton



Illuminated raised pushbutton,
gray plastic bezel, 22.5mm mounting



Illuminated raised pushbutton,
aluminum bezel, 22.5mm mounting



Illuminated flush mount pushbutton,
aluminum bezel, 30.5mm mounting

Part Ordering System 704.01 - () () () ()

Pushbutton Action	Lens Style	Termination Style	Front Ring Material	Diffuser* Type	Lens Color
1-Momentary	Standard	Screw	0-Standard	7-Clear	2-Transparent red
2-Momentary	Standard	0.250" Q.C.	1-Standard	9-White	3-Transparent orange
3-Momentary	Extended	Screw	2-Sealed		4-Transparent yellow
4-Momentary	Extended	0.250" Q.C.			5-Transparent green
5-Maintained	Standard	Screw	3-Sealed		6-Transparent blue
6-Maintained	Standard	0.250" Q.C.			7-White (uses clear lens/white diffuser)
7-Maintained	Extended	Screw	4-Standard		
8-Maintained	Extended	0.250" Q.C.	6-Standard		
9-Momentary	Mushroom	Screw	7-Extended		
10-Momentary	Mushroom	0.250" Q.C.	9-Standard		
11-Maintained	Mushroom	Screw			
12-Maintained	Mushroom	0.250" Q.C.			

For complete switch also order **A** *White translucent for incandescent lamps and clear knurled for neon

Color	Part No., Momentary	Part No., Maintained
● Red	704.032.218	704.062.218
● Yellow	704.032.418	704.062.418
● Green	704.032.518	704.062.518
● Blue	704.032.618	704.062.618
○ Clear	704.032.718	704.062.718

For complete switch also order **A**

● Illuminated pushbutton



Illuminated raised pushbutton,
gray plastic bezel, 22.5mm mounting

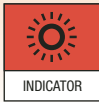


Illuminated raised pushbutton,
aluminum bezel, 22.5mm mounting

Part Ordering System 704.03 - () () () ()

Pushbutton Action	Lighted or Unlighted	Film Insert	Lamp Holder	Bezel Color	Lens Color
0-Momentary	Lighted	With	0-No lamp holder	0-Black	0-Black
1-Momentary	Lighted	Without	1-Lamp holder screw terminals	4-Chrome	2-Red
2-Momentary	Unlighted	With	2-Lamp holder 0.250" Q.C. terminals	6-Light gray	3-Orange
3-Momentary	Unlighted	Without			4-Yellow
4-Maintained	Lighted	With			5-Green
5-Maintained	Lighted	Without			6-Blue
6-Maintained	Unlighted	With			7-White*
7-Maintained	Unlighted	Without			

For complete switch also order **A** *Combination of clear lens and white diffuser



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

Emergency-stop switch



Emergency-stop, twist release, 37mm diameter, foolproof to EN 60947-5-1 and EN 418, use slow-make switching elements

Part No.
704.064.2



Emergency-stop, key release, 37mm diameter, foolproof to EN 60947-5-1 and EN 418, use slow-make switching elements

Part No.
704.066.2



Emergency-stop, twist release, mushroom head, 40mm diameter, use slow-make switching elements

Part No.	Front Ring	Markings
704.074.2	Gray plastic	Directional arrows
704.075.2	Anodized aluminum	Directional arrows

For emergency stop applications, a maximum of 2 switching elements can be used

For emergency stop applications, a maximum of 2 switching elements can be used

For complete switch also order **A**

For complete switch also order **A**

Mushroom headed pushbutton



Mushroom headed pushbutton, plastic bezel and aluminum bezel, 22.5mm mounting, function momentary

Color	Part No., Plastic	Part No., Aluminum
Red	704.070.2	704.071.2
Yellow	704.070.4	704.071.4
Green	704.070.5	704.071.5
Black	704.070.0	704.071.0

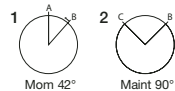
Maintained versions available as well

For complete switch also order **A**

Keylock switch



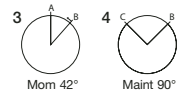
Keylock switch 2 position, raised, 22.5mm mounting



Drawing	Part No.	Action	Key rem.
1	704.123.0	Momentary	A
2	704.121.0	Maintained	C



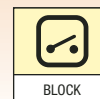
Keylock switch 2 position, flush mount, 30.5mm mounting



Drawing	Part No.	Action	Key rem.
3	704.123.018	Momentary	A
4	704.121.018	Maintained	C

For complete switch also order **A**

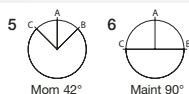
Choose one component from each of the colored sections to assemble a complete switch.
For other options or further information please contact EAO Switch directly.



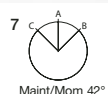
Keylock switch



Keylock switch 3 position, raised, 22.5mm mounting



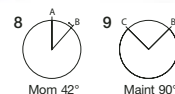
Keylock switch 3 position, flush mount, 30.5mm mounting



Selector switch



Selector switch short lever 2 position, raised, 22.5mm mounting



Drawing	Part No.	Action	Key rem.
5	704.115.0	Momentary/Momentary	A
6	704.114.0	Maintained/Maintained	A

For complete switch also order A

Drawing	Part No.	Action	Key rem.
7	704.115.018	Momentary/Momentary	A
7	704.114.018	Maintained/Maintained	A

For complete switch also order A

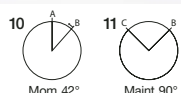
Drawing	Part No.	Action	Bezel
8	704.412.0	Momentary	Gray plastic
8	704.413.0	Momentary	Aluminum
9	704.410.0	Maintained	Gray plastic
9	704.411.0	Maintained	Aluminum

For complete switch also order A

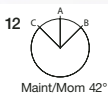
Selector switch



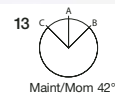
Selector switch short lever 2 position, flush mount, 30.5mm mounting



Selector switch short lever 3 position, raised, 22.5mm mounting



Selector switch short lever 3 position, flush mount, 30.5mm mounting



Drawing	Part No.	Action	Bezel
10	704.413.018	Momentary	Aluminum
11	704.411.018	Maintained	Aluminum

For complete switch also order A

Drawing	Part No.	Action	Bezel
12	704.404.0	Momentary/Momentary	Gray plastic
12	704.405.0	Momentary/Momentary	Aluminum
12	704.402.0	Maintained/Maintained	Gray plastic
12	704.403.0	Maintained/Maintained	Aluminum

For complete switch also order A

Drawing	Part No.	Action	Bezel
13	704.405.018	Momentary	Aluminum
13	704.403.018	Maintained	Aluminum

For complete switch also order A

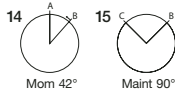


Choose one component from each of the colored sections to assemble a complete switch.

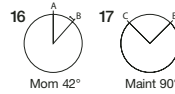
Selector switch



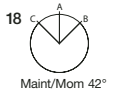
Selector switch long lever 2 position, raised, 22.5mm mounting



Selector switch long lever 2 position, flush mount, 30.5mm mounting



Selector switch long lever 3 position, raised, 22.5mm mounting



Drawing	Part No.	Action	Bezel	Drawing	Part No.	Action	Bezel	Drawing	Part No.	Action	Bezel
14	704.102.0	Momentary	Gray plastic	16	704.103.018	Momentary	Aluminum	18	704.094.0	Momentary	Gray plastic
14	704.103.0	Momentary	Aluminum	17	704.101.018	Maintained	Aluminum	18	704.095.0	Momentary	Aluminum
15	704.100.0	Maintained	Gray plastic					18	704.092.0	Maintained	Gray plastic
15	704.101.0	Maintained	Aluminum					18	704.093.0	Maintained	Aluminum

For complete switch also order **A**

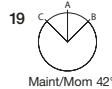
For complete switch also order **A**

For complete switch also order **A**

Selector switch



Selector switch long lever 3 position, flush mount, 30.5mm mounting



Buzzer



Buzzer, plastic bezel, raised, 22.5mm mounting, 24VDC, 95dB ± 8 at a distance of 0.1m

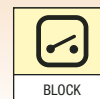


Buzzer, plastic bezel, flush mount, 30.5mm mounting, 24VDC, IP40, 95dB ± 8 at a distance of 0.1m

Drawing	Part No.	Action	Bezel	Part No.	Front finish	Part No.	Front finish
19	704.095.018	Momentary	Aluminum	14-810.002	Black plastic	14-810.910	Black plastic
19	704.093.018	Maintained	Aluminum	14-810.902	Chromium-plated	14-810.918	Chromium-plated

For complete switch also order **A**

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 Contact block



Contact block, screw terminal, snap-action
with silver self-cleaning contacts

	Part No.	Contact type
	704.900.1	1NO
	704.900.2	1NC
	704.900.3	2NO
	704.900.4	2NC
	704.900.5	1NO/1NC
	Not recommended for	
	Emergency-stop applications	

For complete switch also order



Contact block, screw terminal, slow-make (positive-break) with silver forced opening contacts

	Part No.	Contact type
	704.910.2	1NC
	704.910.4	2NC
	704.910.5	1NO/1NC
	704.910.1	1NO
	704.910.2	2NO

For complete switch also order



LED, Ba9s (T-3¼ bayonet base), single chip,
6 Volt and 12 Volt

Color	Part No.	Voltage
Red	10-2506.1082	6VDC, 17mA
Yellow	10-2506.1084	6VDC, 17mA
Green	10-2506.1085	6VDC, 17mA
Blue	10-2506.1086	6VDC, 17mA
White	10-2506.1089	6VDC, 17mA
Red	10-2509.1142	12VAC/DC, 16mA
Yellow	10-2509.1144	12VAC/DC, 16mA
Green	10-2509.1145	12VAC/DC, 7mA
Blue	10-2509.1146	12VAC/DC, 16mA
White	10-2509.1149	12VAC/DC, 16mA



LED, Ba9s, single chip, (T-3¼ bayonet base)
24 Volt and 28 Volt

Color	Part No.	Voltage
 Red	10-2512.1142	24VAC/DC, 15mA
 Yellow	10-2512.1144	24VAC/DC, 15mA
 Green	10-2512.1145	24VAC/DC, 7mA
 Blue	10-2512.1146	24VAC/DC, 15mA
 White	10-2512.1149	24VAC/DC, 15mA
 Red	10-2513.1142	28VAC/DC, 13mA
 Yellow	10-2513.1144	28VAC/DC, 13mA
 Green	10-2513.1145	28VAC/DC, 7mA
 Blue	10-2513.1146	28VAC/DC, 13mA
 White	10-2513.1149	28VAC/DC, 13mA



LED, Ba9s, (T-3¼ bayonet base) single chip,
48 Volt

Color	Part No.	Voltage
Red	10-2519.1052	48VAC/DC, 8mA
Yellow	10-2519.1054	48VAC/DC, 8mA
Green	10-2519.1055	48VAC/DC, 4mA
Blue	10-2519.1056	48VAC/DC, 8mA
White	10-2519.1059	48VAC/DC, 8mA



LED, Ba9s, (T-3¼ bayonet base) single chip,
130 Volt and 230 Volt

Color	Part No.	Voltage
Red	10-2H24.2052	130VAC / 5mA
Yellow	10-2H24.2054	130VAC / 5mA
Green	10-2H24.2055	130VAC / 3mA
Blue	10-2H24.2056	130VAC / 5mA
White	10-2H24.2059	130VAC / 5mA
Red	10-2H25.2042	230VAC / 3mA
Yellow	10-2H25.2044	230VAC / 3mA
Green	10-2H25.2045	230VAC / 2mA
Blue	10-2H25.2046	230VAC / 3mA
White	10-2H25.2049	230VAC / 3mA



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

A Accessories

Lens cap, round, transparent, plastic for raised and flush indicators with bezel and pushbutton actuators

Color	Part No.	Part No.	Comment	Part No.	Size
 Red	704.602.2	704.925.0	for pushbuttons	704.600.3	29mm Ø for raised pushbutton
 Yellow	704.602.4	704.925.3	for selector with short	704.955.3	35mm Ø for flush mount pushbutton
 Green	704.602.5		lever with "self return"		
 Blue	704.602.6				
 Clear	704.602.7				
	For complete lens also order diffuser				
	704.609.9 (see page 21)				

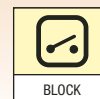
A Accessories



Emergency-stop protective shroud, yellow painted aluminum with 22.5mm mounting hole

Part No.		Part No.	Markings	Image	Part No.
Contact EAO Switch directly		704.963.6	Emergency stop	1	704.945.0
		704.963.5	Not Aus	2	704.945.6
		704.963.7	Arret D'urgence		
		44-950	Blank		
		90mm versions also available			

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



Blanking plate



Lens, LED and lamp remover

Part No.	Mounting hole	Part No.	Part No.
704.960.7	22.5mm Ø	704.955.0	700.006.0
704.964.8	30.5mm Ø	704.955.1	

A Accessories



Legend plate, adhesive, natural anodized aluminum finish for raised and flush mount pushbuttons



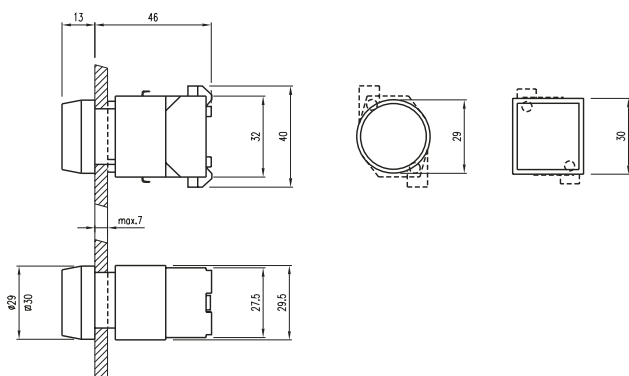
Label for front bezel set for 22.5 and 30.5mm flush mount with label support, self adhesive

Image	Part No.	Mounting hole	Image	Part No.
1	704.968.2	22.5mm Ø	1	704.968.0
2	704.968.3	30.5mm Ø	2	704.968.1



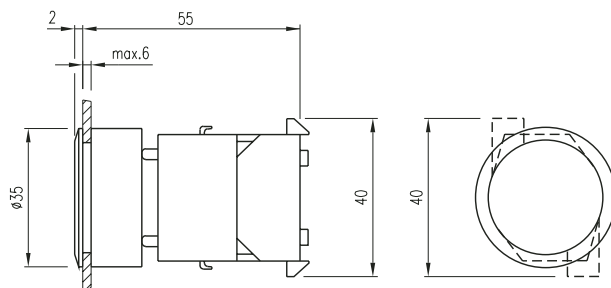
04 Indicator

Raised



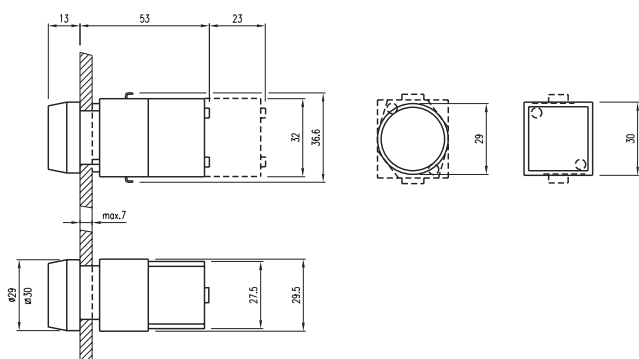
04 Indicator

Flush



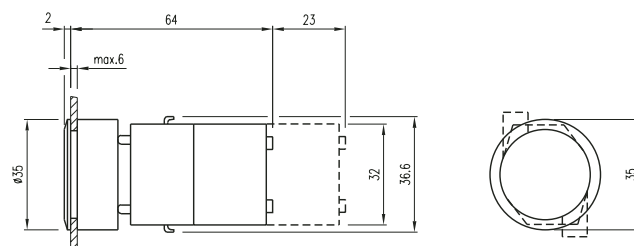
04 Pushbutton

Non-Illuminated, Raised



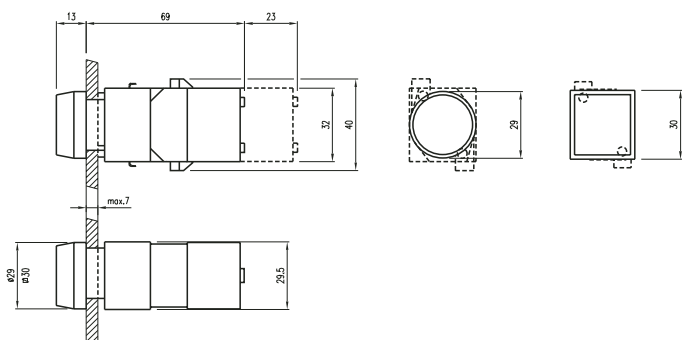
04 Pushbutton

Non-Illuminated, Flush



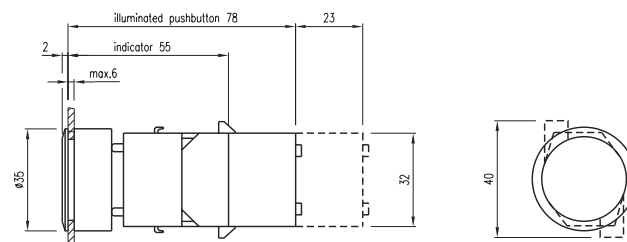
04 Pushbutton

Illuminated, Raised



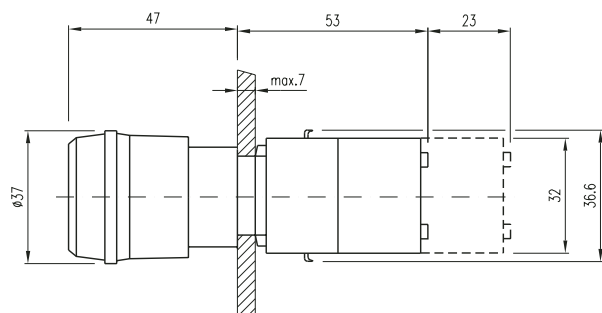
04 Pushbutton

Illuminated, Flush



04 E-Stop

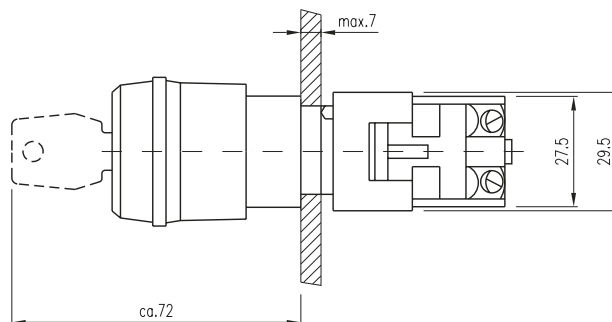
EN 418



twist to release

04 E-Stop

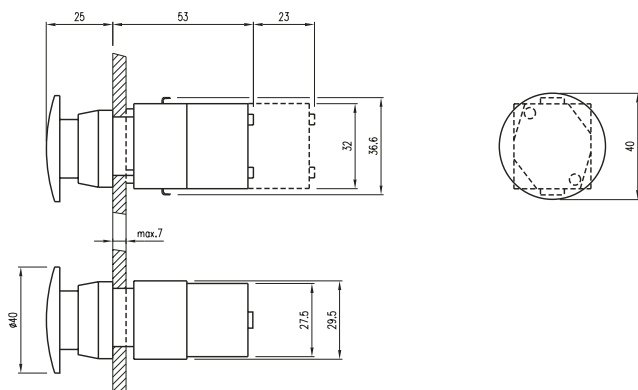
EN 418 with optional key



key to unlock

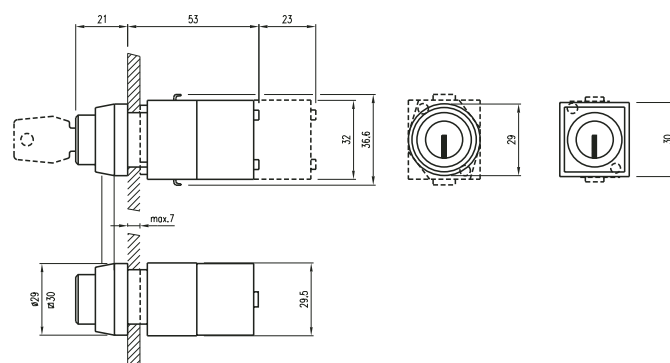
04 E-Stop Mushroom

Pushbutton Mushroom



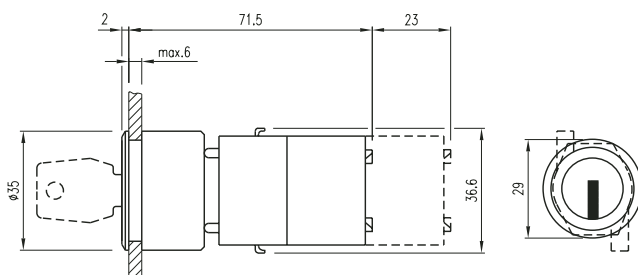
04 Keylock

2-Position, 3-Position, Raised



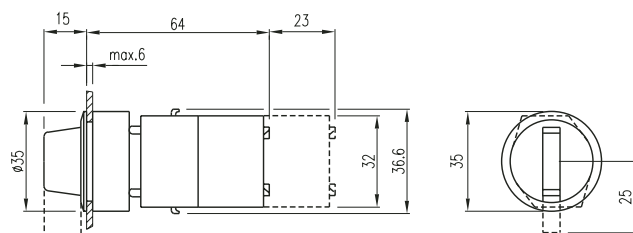
04 Keylock

2-Position, 3-Position, Flush



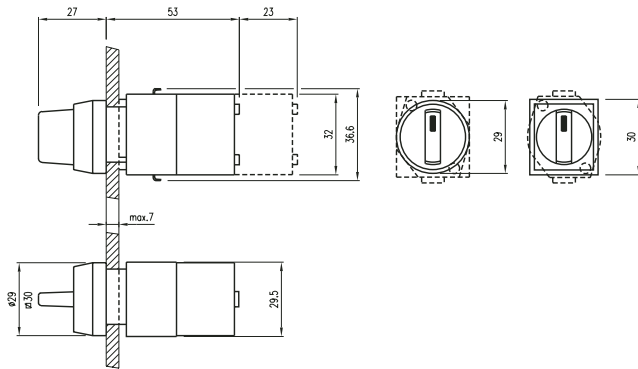
04 Selector

2-Position, 3-Position, Short and Long, Flush



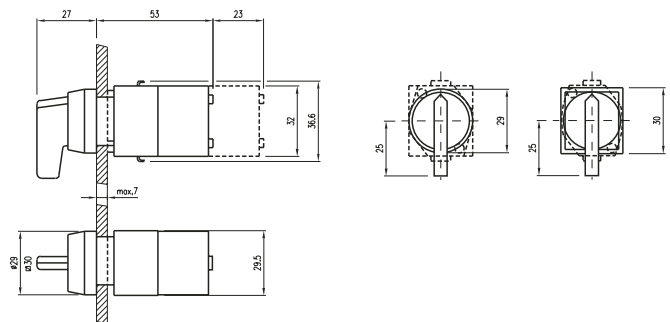
04 Selector, Short Lever

2-Position, 3-Position, Raised



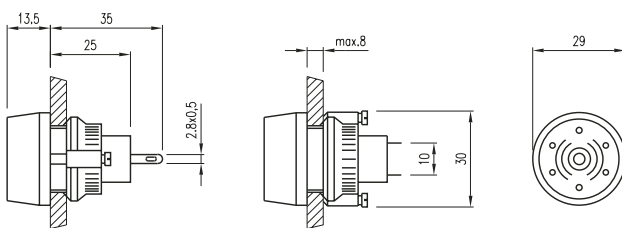
04 Selector, Long Lever

2-Position, 3-Position, Raised



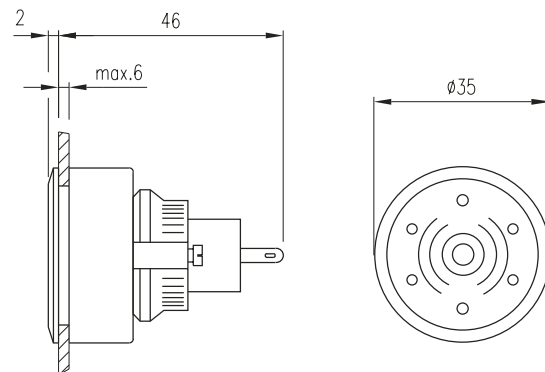
04 Buzzer

Raised



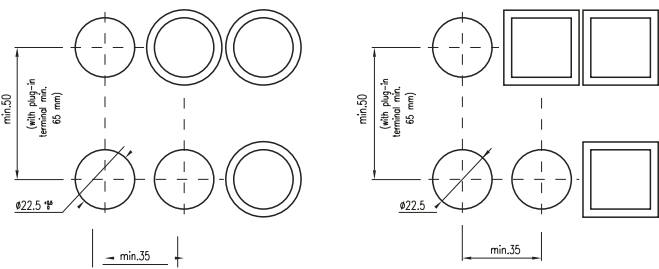
04 Buzzer

Flush



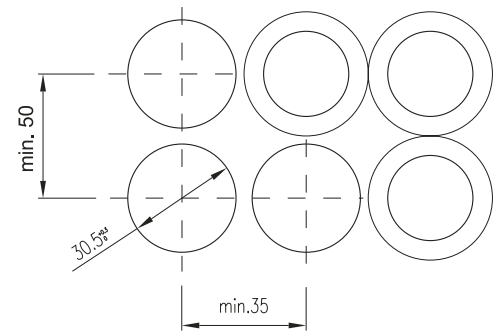
04 Cut-outs, Raised Mounting

(All but long lever)

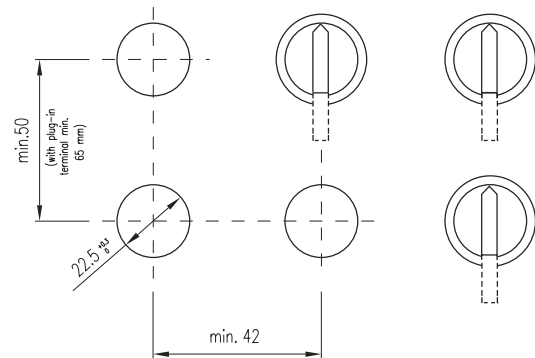


04 Cut-outs, Flush Mounting

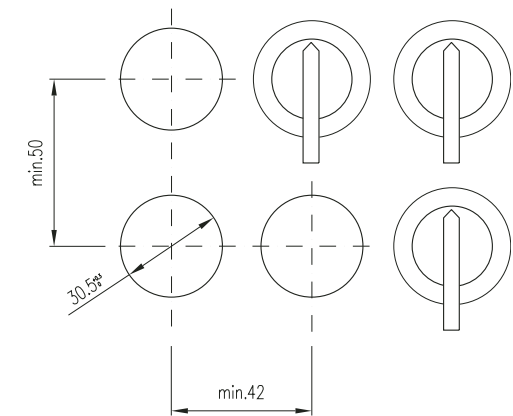
(All but long lever)



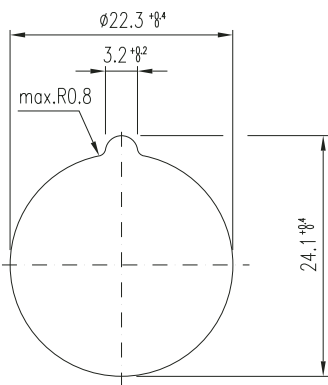
04 Long Lever Cut-outs, Raised Mounting



04 Long Lever Cut-outs, Flush Mounting

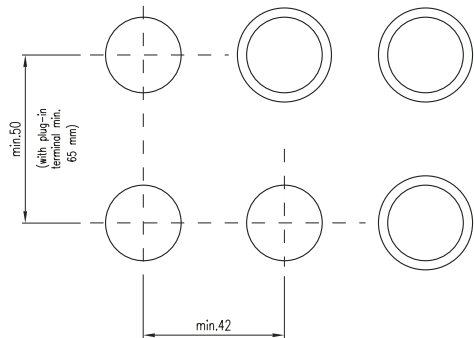


04 E-Stop EN418 Cut-outs



04 E-Stop Mushroom Cut-outs

Pushbutton Mushroom



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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