22.5 mm 30.5 mm IP65 10 A 500 VAC



Choose one component from each of the coloured 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 data see page 25

- IP65 Protection
- Switch Rating: Maximum Voltage, 500 VAC Maximum Thermal Current, Ith = 10A 230VAC/6A, 24VDC/10A
- Raised Mounting into 22.5 mm cut out
- Flush Mounting into 30.5 mm cut out
- Illumination using Ba9s Lamps or LED's
- All standard lenses are transparent with translucent diffuser
- Screw terminal or plug-in connections



Indicator, round, full face, 22.5 mm mounting

O Indicator



Indicator, flush mount, aluminium bezel, 30.5 mm mounting

Colour	Part No.	Colour	Part No.
🔴 Red	704.000.2	🔴 Red	704.006.218
O Yellow	704.000.4	O Yellow	704.006.418
🔵 Green	704.000.5	🔵 Green	704.006.518
O Blue	704.000.6	O Blue	704.006.618
◯ Clear	704.000.7	◯ Clear	704.006.718
	ali		

For complete switch also order $\ddot{\mathbb{Q}}$

For complete switch also order $\ddot{\mathbb{Q}}$

O: Indicator



Indicator, flush mount, silver plastic bezel, 30 x 30 mm mounting

Colour	Part No.	Colour	Part No., Momentary
Red	704.202.208	🔴 Red	704.010.2
O Yellow	704.202.408	O Yellow	704.010.4
Green	704.202.508	🔵 Green	704.010.5
O Blue	704.202.608	O Blue	704.010.6
◯ Clear	704.202.708	◯ Clear	704.010.7
		Black	704.010.0



Non-Illuminated pushbutton

Non-Illuminated raised pushbutton, grey plastic bezel, 22.5 mm mounting

Colour	Part No., Momentary	Part No., Maintained	
🔴 Red	704.010.2	704.040.2	
O Yellow	704.010.4	704.040.4	
🔵 Green	704.010.5	704.040.5	
O Blue	704.010.6	704.040.6	
◯ Clear	704.010.7	704.040.7	
Black	704.010.0	704.040.0	
			Г



Non-Illuminated raised pushbutton, aluminium bezel, 22.5 mm mounting

Colour	Part No., Momentary	Part No., Maintained
🔴 Red	704.012.2	704.042.2
O Yellow	704.012.4	704.042.4
🔵 Green	704.012.5	704.042.5
🔵 Blue	704.012.6	704.042.6
🔿 Clear	704.012.7	704.042.7
Black	704.012.0	704.042.0

For complete switch also order $\ddot{\mathbb{Q}}$

22.5 mm 30.5 mm IP65 10A 500VAC

Series 04

Choose one component from each of the coloured sections to assemble a complete switch. For other options or further information please contact your local sales office.



Non-Illuminated pushbutton



Non-Illuminated flush mount pushbutton, aluminium bezel, 30.5 mm mounting

Colour	Part No., Momentary	Part No., Maintained
Red	704.012.218	704.042.218
O Yellow	704.012.418	704.042.418
Green	704.012.518	704.042.518
O Blue	704.012.618	704.042.618
○ Clear	704.012.718	704.042.718
 Black 	704.012.018	704.042.018



Non-Illuminated flush mount pushbutton, silver plastic bezel, 30 x 30 mm mounting

For complete switch also order 🕢 A

Colour	Part No., Momentary	Part No., Maintained
🔴 Red	704.210.208	704.240.208
O Yellow	704.210.408	704.240.408
🔵 Green	704.210.508	704.240.508
🔵 Blue	704.210.608	704.240.608
🔿 Clear	704.210.708	704.240.708
 Black 	704.210.008	704.240.008

Illuminated pushbutton



Illuminated raised pushbutton, grey plastic bezel, 22.5 mm mounting

Colour	Part No., Momentary	Part No., Maintained
🔴 Red	704.030.2	704.060.2
O Yellow	704.030.4	704.060.4
🔵 Green	704.030.5	704.060.5
O Blue	704.030.6	704.060.6
○ Clear	704.030.7	704.060.7
For comple	ete switch also order 🖸) ÿ A

For complete switch also order 🕢 A

Illuminated pushbutton



704.062.4

704.062.5

704.062.6

704.062.7

Illuminated raised pushbutton, aluminium bezel, 22.5 mm mounting

704.032.2

704.032.5

704.032.6

704.032.7

OYellow 704.032.4

Part No., Momentary

A BAR		Q	
]		l flush mount pushbutton, bezel, 30.5 mm mounting	
Part No., Maintained	Colour	Part No., Momentary	Part No., Maintained
704.062.2	🔴 Red	704.032.218	704.062.218





Illuminated flush mount pushbutton, silver plastic bezel, 30 x 30 mm mounting

ained	Colour	Part No., Momentary	Part No., Maintained
	🔴 Red	704.230.208	704.260.208
	O Yellow	704.230.408	704.260.408
	🔵 Green	704.230.508	704.260.508
	O Blue	704.230.608	704.260.608
	◯ Clear	704.230.708	704.260.708

For complete switch also order 🖸 🎖 🗛

Yellow

🔵 Green

O Blue

◯ Clear

For complete switch also order 🗔 🍟 🗛

Colour

🔵 Red

🔵 Green

O Blue

◯ Clear

22.5 mm 30.5 mm IP65 10 A 500 VAC



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

C Emergency-stop switch		O Mushroom head pushbutton
Emergency-stop, twist release, 37 mm diameter, foolproof to EN 60947-5-1 and DIN EN ISO 13850	Emergency-stop, key release, 37 mm diameter, foolproof to EN 60947-5-1 and DIN EN ISO 13850	Mushroom head pushbutton, plastic bezel and aluminium bezel, 22.5 mm mounting, function momentary
Part No.	Part No.	Colour Part No., Plastic Part No., Aluminium
704.064.2	704.066.2	● 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
Please use slow make switch element only	Please use slow make switch element only	
Part No. 704.91X	Part No. 704.91X	
For complete switch also order 🕢 A	For complete switch also order 🗟 A	For complete switch also order 🕢 🗛
CON F		

Stop switch, twist release, mushroom head, 40 mm diameter, 22.5 mm mounting



Keylock switch 2 position, raised, 22.5 mm mounting Keylock switch 2 position,

 $\left(\begin{array}{c} \\ 4 \end{array} \right)$

noad, 4 0 min di	Mom. 42° Maint 90° 30.5 mm mounting		3 Mom. 42°	4 Maint. 90°							
Part.No	Front Ring	Markings	Graphic	Part No.	Function	Key out	Graphic	Part No.	Function		Key out
704.074.2	Gray plastic	Directional arrows	1	704.123.0	Momentary	А	3	704.123.018	Momentary		А
704.075.2	Anodized aluminium	Directional arrows	2	704.121.0	Maintained	С	4	704.121.018	Maintained		С
			2	704.122.0	Maintained	C + B	4	704.122.018	Maintained		C + B

 \bigvee_{2}

flush mount,

22.5 mm 30.5 mm IP65 10 A 500 VAC

Series 04

itch. fice. ELEMENT

Choose one component from each of the coloured sections to assemble a complete switch. For other options or further information please contact your local sales office.

of Keylock switch



For complete switch also order 🕢 🗛

For complete switch also order 🗔 A

22.5 mm 30.5 mm IP65 10 A 500 VAC



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

Selector switch



Selector switch

Selector switch short lever 3 position, flush mount, 30 x 30 mm mounting	C A B 21 Mom./Maint. 42°	Selector sv 2 position, 22.5 mm r		r	A 22 Mom. 42°	B C B 23 Maint. 90°		witch long lever flush mount, mounting		A 24 Mom. 42°	C B 25 Maint. 90°
Graphic Part No. Function	Bezel	Graphic	Part No.	Function		Bezel	Graphic	Part No.	Function		Bezel
21 704.504.008 Momentary	Silver plastic	22	704.102.0	Momentary		Grey plastic	24	704.103.018	Momentary		Aluminium
21 704.502.008 Maintained	Silver plastic	22	704.103.0	Momentary		Aluminium	25	704.101.018	Maintained		Aluminium
		23	704.100.0	Maintained		Grey plastic					
		23	704.101.0	Maintained		Aluminium					

22.5 mm 30.5 mm IP65 10 A 500 VAC

Series 04

Choose one component from each of the coloured sections to assemble a complete switch. For other options or further information please contact your local sales office.



Selector switch



For complete switch also order \boxdot A

22.5 mm 30.5 mm IP65 10 A 500 VAC



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

Switching element



Switching element, screw terminal, snap-action with silver self-cleaning contacts



Switching element, plug-in terminal, 6.3 mm, snap-action with self-cleaning silver contacts



Switching element, screw terminal, snap-action with silver self-cleaning contacts

Part No.	Contact type	Part No.	Contact type		Part No.	Contact type
704.900.1	1N0	704.905.1	1NO		704.910.1	1NO
704.900.2	1NC	704.905.2	1NC		704.910.2	1NC
704.900.3	2N0	704.905.3	2N0		704.910.3	2N0
704.900.4	2NC	704.905.4	2NC		704.910.4	2NC
704.900.5	1N0/1NC	704.905.5	1NO/1NC		704.910.5	1NO/1NC
Other contact ma	terials and terminals available.	Other contact mat	Other contact materials and terminals available.		Other contact materials and terminals available.	
Please contact us	3.	Please contact us			Please contact us.	

Switching element



Switching element, plug-in terminal, 6.3 mm, slow-make with forced opening silver contacts

Ö LED



LED, Ba9s, single chip, 6 Volt and 12 Volt



LED, Ba9s, single chip, 24 Volt and 28 Volt

Part No.	Contact type	Colour	Part No.	Voltage	Colour	Part No.	Voltage
704.915.1	1N0	Red	10-2506.1082	6VDC, 10/17mA	🔴 Red	10-2512.1142	24VAC/DC, 15mA
704.915.2	1NC	O Yellow	10-2506.1084	6VDC, 10/17mA	O Yellow	10-2512.1144	24VAC/DC, 15mA
704.915.3	2N0	🔵 Green	10-2506.1085	6VDC, 10/17mA	🔵 Green	10-2512.1145	24VAC/DC, 15mA
704.915.4	2NC	O Blue	10-2506.1086	6VDC, 10/17mA	🔵 Blue	10-2512.1146	24VAC/DC, 15mA
704.915.5	1NO/1NC	O White	10-2506.1089	6VDC, 10/17mA	○ White	10-2512.1149	24VAC/DC, 15mA
		🔴 Red	10-2509.1142	12VAC/DC, 15mA	🔴 Red	10-2513.1142	28VAC/DC, 15mA
		O Yellow	10-2509.1144	12VAC/DC, 15mA	O Yellow	10-2513.1144	28VAC/DC, 15mA
		🔵 Green	10-2509.1145	12VAC/DC, 15mA	🔵 Green	10-2513.1145	28VAC/DC, 15mA
Other contact materials a	nd terminals available.	O Blue	10-2509.1146	12VAC/DC, 15mA	O Blue	10-2513.1146	28VAC/DC, 15mA
Please contact us.		O White	10-2509.1149	12VAC/DC, 15mA	○ White	10-2513.1149	28VAC/DC, 15mA

22.5 mm 30.5 mm IP65 10 A 500 VAC

Series 04



Ö LED



LED, Ba9s, single chip, 48 Volt

LED, Ba9s, single chip, 130 Volt and 230 Volt

A Accessories



Lamp/LED block, screw terminal

Colour	Part No.	Voltage	Colour	Part No.	Voltage	Part No.
🔴 Red	10-2519.1052	48VAC/DC, 6mA	🔴 Red	10-2H24.2052	130VAC / 5mA	704.950.0*
O Yellow	10-2519.1054	48VAC/DC, 6mA	O Yellow	10-2H24.2054	130VAC / 5mA	
🔵 Green	10-2519.1055	48VAC/DC, 6mA	Green	10-2H24.2055	130VAC / 5mA	
O Blue	10-2519.1056	48VAC/DC, 6mA	O Blue	10-2H24.2056	130VAC / 5mA	
○ White	10-2519.1059	48VAC/DC, 6mA	O White	10-2H24.2059	130VAC / 5mA	
			🔴 Red	10-2H24.2042	230 VAC / 3mA	
			O Yellow	10-2H24.2044	230 VAC / 3mA	
			Green	10-2H24.2045	230 VAC / 3mA	
			O Blue	10-2H24.2046	230 VAC / 3mA	
			O White	10-2H24.2049	230 VAC / 3mA	* Other terminals available. Please contact us.

A Accessories



Lamp/LED block, plug-in terminal, 6.3 mm



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



Lens cap raised, round, transparent, plastic for raised and flush mount pushbutton actuators

Part No.	Colour	Part No.	Colour	Part No.
704.950.1*	🔴 Red	704.602.2	🔴 Red	704.611.2
	O Yellow	704.602.4	O Yellow	704.611.4
	🔵 Green	704.602.5	🔵 Green	704.611.5
	O Blue	704.602.6	O Blue	704.611.6
	◯ Clear	704.602.7	◯ Clear	704.611.7
		For complete lens also order diffuser		For complete lens also order diffuser
* Other terminals available. Please contact us.		704.609.9 (see page 24)		704.610.9 (see page 24)

22.5 mm 30.5 mm IP65 10 A 500 VAC



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

A Accessories



Lens cap, round, aluminium anodised for raised and flush mount pushbutton actuators



Protective cover, raised pushbutton



Protective front ring with silicon membrane for raised or flush mount pushbutton

Colour	Part No.	Comment	Part No.		Part No.	Size
🔴 Red	704.601.2		704.925.0	1	704.600.3	29 mm \varnothing for raised pushbutton
O Yellow	704.601.4			2	704.955.3	$35\text{mm}\varnothing$ for flush mount pushbutton
Blue	704.601.6					
◯ Silver	704.601.8					
◯ Silver	704.601.81	Illuminated central dot				
Black	704.601.0					
Black	704.601.01	Illuminated central dot				
◯ Silver	704.601.9	Stainless steel				

A Accessories



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



Emergency-stop switch label, 60 mm \varnothing



Emergency-stop switch enclosure 94 mm (w) x 94 mm (h) x 81 mm (d), anti twist hole. Cable gland M20, IP66

Part No.	Part No.	Markings		Part No.
704.927.4	704.963.5	NOT-AUS	1	704.945.0
	704.963.6	EMERGENCY-STOP	2	704.945.6
	704.963.7	ARRET D'URGENCE		
	704.963.8	NOT-HALT		

Choose one component from each of the coloured sections to assemble a complete switch. For other options or further information please contact your local sales office.



A Accessories



Emergency-stop switch enclosure with 22.5 mm \oslash mounting hole, 65 mm (w) x 65 mm (h) x 81 mm (d), anti twist hole. Cable gland M20, IP66



Emergency-stop switch enclosure, with 22.5 mm \varnothing mounting hole, 94 mm (w) x 65 mm (h) x 81 mm (d), anti twist hole. Cable gland M20, IP66



Blanking plate

conoc moro	ouble gland M20; il 00	conoc moro.	ousio giuna meo, n oo		
	Part No.		Part No.	Part No.	Mounting hole
1	704.945.7	1	704.945.8	704.960.7	22.5 mm Ø
2	704.945.6	2	704.945.6	704.964.8	30.5 mm Ø
				704.964.9	30 x 30 mm

A Accessories



Flush mount bezel for 30.5 \varnothing mounting



Lens remover for round pushbuttons and indicators. LED and lamp remover for round and square pushbuttons and indicators



Lens remover for square pushbuttons and indicators

	Part No.	Product description	Part No.	
1	704.955.0	Aluminium, black anodised	700.006.0	98-968
2	704.955.1	Aluminium, natural anodised		
3	704.955.9	Stainless steel		
4	704.955.3	Alu, natural anodised with seal		

22.5 mm 30.5 mm IP65 10 A 500 VAC



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

A Accessories

Mounting flange







Marking plate selfadhesive, aluminium finish or black, for raised and flush mount push buttons

Part No.	Material	Image	Part No.	Product description	Image	Part No.	Size	Colour
704.960.5	Metal	1	704.608.9	Diffuser for raised indicator	1	704.968.2	22.5 mm Ø	Black
704.950.5	Plastic	2	704.609.9	Diffuser for flat lens	2	704.968.3	30.5 mm Ø	Black
		3	704.610.9	Diffuser for raised illum. pushbutton				





Engraving Label for flat square products, selfadhesive natural anodised or black aluminium

Image	Part No.	Size	Colour	Image	Part No.	Size	Colour
1	704.968.0	23.5 x 14.5 mm	Aluminium	1	704.968.4	35 x 18 mm	Aluminium
2	704.968.1	23.5x14.5mm	Black	2	704.968.5	35 x 18 mm	Black

Snap-action switching element

Switching system

The double-break, snap-action switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The snap-action switching element is fitted with self-cleaning contacts.

Up to 3 switching elements can be snapped to each actuator. Snap-action switching elements are not permissible for emergencystop pushbuttons!

Material

Material of contact

Hard Silver, Gold/Silver, Silver/Palladium (for aggressive atmospheres)

Switch housing

Polycarbonate (PC)

Mechanical characteristics

Terminals

Screw terminals Plug-in terminals 6.3×0.8 mm max. wire cross-section 2×2.5 mm² max. wire cross-section of stranded cable 2×1.5 mm² For switches with plug-in terminals it is necessary to provide insulation sleeves and to maintain a spacing of 65 mm between rows (mounting dimensions)

Tightening torque

Screws at the mounting flange max. 25Ncm Screws at switching element max. 50Ncm

Actuating force

- 1 Normally closed 1.9N
- 1 Normally open 2 N

Actuating travel

5.8 mm ±0.2 mm Rebound time

<3ms

Mechanical lifetime

(with 1 switching element)Pushbutton, maintained action1Pushbutton momentary action3

Selector switch maintained action Selector switch momentary action Keylock switch maintained action Keylock switch momentary action

1.5 millionCycles of operation3 millionCycles of operation1.25 millionCycles of operation2.5 millionCycles of operation25 000Cycles of operation50 000Cycles of operation

Electrical characteristics

Standards

The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1

Rated Insulation Voltage Ui 500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance

New state \leq 50 m Ω as per DIN IEC 60512-2-4

Conventional free air thermal current Ith

10A, as per EN IEC 60947-5-1

the maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Isolation resistance

≥10 MΩ between open contacts at 500 VDC, as per DIN IEC 60512-2-10

Switch rating

At switch rating AC for Gold/Silver, Silver/Palladium and Hard Silver contacts service category AC-15, as per EN IEC 60947-5-1 $(\cos\phi 0.3)$

Voltage	230 VAC	400 VAC	500 VAC
Current	6A	4A	2.5A

At switch rating DC for Gold-, Silver- and Hard Silver contacts service category DC-13, as per EN IEC 60947-5-1

Voltage	24 VDC	60 VDC	110 VDC
Current	10A	3A	1A

Recommended minimum operational data

Gold/Silver contacts:			
Voltage	5 VDC	24 VDC	110 VDC
Current	15mA	5mA	2mA

Hard Silver co	ontacts:	
Voltage	24 VDC	110VDC
Current	50 mA	10 mA

Protection class

Indicators and switches, fit for mounting into devices with protection class $\ensuremath{\mathsf{II}}$

Environmental conditions

Storage temperature

–40 °C ... +85 °C

Operating temperature -25 °C ... +55 °C

Shock resistance

(single impacts, semi-sinusoidal) 300 m/s²puls width 11 ms, as per EN IEC 60068-2-27

Vibration resistance

(sinusoidal) 100 m/s² at 10 Hz ... 500 Hz, amplitude 0.75 mm, as per EN IEC 60068-2-6

Approvals

Approbations

CB (IEC 60947) CCC CSA Germanischer Lloyd GOST SEV UL **Declaration of conformity** CE NF F16-102

Slow-make switching element

Switching system

The double-break, slow-make switching element is equipped with one or two independent contact systems, acting as normally open or normally closed contact. The normally closed contact has forced opening.

Slow-make contacts with forced action are ideal for high switch ratings.

Up to 3 switching elements can be snapped to each actuator. For the emergency-stop pushbutton use the slow-make switching element (max. 2).

Material

Material of contact

Hard Silver, Gold/Silver, Silver/Palladium (for aggressive atmospheres)

Switch housing

Polycarbonate (PC)

Mechanical characteristics

Terminals

Screw terminals

Plug-in terminals 6.3x0.8mm

max. wire cross-section $2 \times 2.5 \, \text{mm}^2$

max. wire cross-section of stranded cable $2 \times 1.5 \text{ mm}^2$ For switches with plug-in terminals it is necessary to provide insulation sleeves and to maintain a spacing of 65 mm between rows (mounting dimensions)

Tightening torque

Screws at the mounting flange max. 25 Ncm Screws at switching element max. 50 Ncm

Actuating force

1 Normally closed 2N 1 Normally open 3.1N

Actuating travel

5.8mm +0.2mm

Rebound time

≤1 ms

Mechanical lifetime

(with 1 switching element)

Pushbutton, maintained action Pushbutton momentary action Selector switch maintained action Selector switch momentary action Emergency-stop switch Keylock switch maintained action Keylock switch momentary action

Electrical characteristics

Standards

The switches comply with the "Standards for low-voltage switching devices" EN IEC 60947-5-1

1.5 million

1.25 million

2.5 million

50 000

25 000

50 000

3 million

Cycles of operation

Rated Insulation Voltage Ui

500 VAC/600 VDC, as per EN IEC 60947-5-1

Contact resistance

New state ≤50 mΩ as per DIN IEC 60512-2-4

Isolation resistance

≥10 MΩ between open contacts at 500 VDC, as per DIN IEC 60512-2-10

Conventional free air thermal current Ith

10 A, as per EN IEC 60947-5-1

the maximum current in continuous operation and at ambient temperature must not exceed the quoted maximum values.

Switch rating

At switch rating AC for Gold/Silver, Silver/Palladium and Hard Silver contacts service category AC-15, as per EN IEC 60947-5-1 ($\cos\phi$ 0.3)

Voltage	230 VAC	400 VAC	500 VAC
Current	7A	5A	4A

At switch rating DC for Gold-, Silver- and Hard Silver contacts service category DC-13, as per EN IEC 60947-5-1

Voltage	24 VDC	60 VDC	110VDC	250 VDC
Current	10A	5A	2.5A	0.6A

Recommended minimum operational data

Gold/Silver contacts: Voltage 24VDC

vollage	24000	110 000		
Current	10 mA	2 mA		
Hard Silver contacts:				
Voltage	24 VDC	110 VDC		
Current	50 mA	10 mA		

Protection class

Indicators and switches, fit for mounting into devices with protection class II

Environmental conditions

Storage temperature

–40°C ... +85°C

Operating temperature -40 °C ... +55 °C

Shock resistance

(single impacts, semi-sinusoidal) 300 m/s² puls width 11 ms, as per EN IEC 60068-2-27

Vibration resistance

(sinusoidal) 100 m/s² at 10 Hz ... 500 Hz, amplitude 0.75 mm, as per EN IEC 60068-2-6

26

Approvals

Approbations

CB (IEC 60947) CCC CSA Germanischer Lloyd GOST SEV UL **Declaration of conformity** CE NF F16-102

Buzzer

Buzzer system

System Piezo disc

Material

Alarm buzzer case Polyamide

Front cap Plastic Polyamide Metal Nickel-plated brass (sea-water proof)

Mechanical characteristics

Terminals Plug-in terminal 2.8x0.5mm

Electrical characteristics

Frequency (tone) approx. 2.8 kHz continuous tone only Sound pressure

95 db (A) \pm 8 dB at a distance of 0.1 m

Operation Voltage/CurrentOperation Voltage24 VDC ±10%Operation Current≤25 mA

Environmental conditions

Storage temperature -35 °C ... +85 °C

Operating temperature -25 °C ... +55 °C

Protection degree as per EN IEC 60529, frontside IP40, devices flush mounting IP65, devices raised mounting

Approvals

Declaration of conformity CE NF F16-102

Actuator

Material

Front ring Polyamide, Aluminium or Stainless steel

Mounting flange Polyethylene terephtalate

Actuator housing Polycarbonate, Polyamide

Mechanical characteristics

Actuating force

Mounting style square flush 6.2 N other Mounting styles 8 N

Actuating travel 5.8 mm ±0.2 mm

Mechanical lifetime

Pushbutton Selector switch Stop pushbutton Fool proofed E-stop Keylock switch ≤3 million ≤2.5 million ≤50 000 ≥6050 ≤50 000

Cycles of operation Cycles of operation Cycles of operation Cycles of operation Cycles of operation

Electrical characteristics

Standards

The switches comply with the "Rules for low-voltage switching devices" EN IEC 60947-5-1

Environmental conditions

Storage temperature -40 °C ... +85 °C

Operating temperature -25 °C ... +55 °C

Protection degree as per EN IEC 60529 Frontside IP65



04 Non-Illuminated Pushbutton



04 Illuminated Pushbutton



04 Illuminated Pushbutton











04 Emergency-stop switch



04 Head Pushbutton Mushroom





Ø 37



Technical Drawings

04 Keylock switch

2-Position, 3-Position, Raised









04 Selector switch

2-Position, 3-Position, Short lever, Raised



04 Selector switch

2-Position, 3-Position, Long lever, Raised















Technical Drawings





ISO 13850, Twist release, Key release



04 Cut-outs, Mushroom head



04 Cut-outs, Long Lever, Raised Mounting



04 Cut-outs, Long Lever, Flush Mounting



04 Cut-outs, Long Lever, Flush Mounting





ООО "ЛайфЭлектроникс"

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 3010181090000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный) Email: org@lifeelectronics.ru

www.lifeelectronics.ru