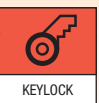


Series 04

22.5mm 30.5mm IP65 10A 500VAC



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 pages 40-42

Technical drawings see pages 43-47

- IP65 Protection
- Switch Rating:
Maximum Voltage, 500VAC
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 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

| Colour | Part No. |
|--------|-----------|
| Red | 704.000.2 |
| Yellow | 704.000.4 |
| Green | 704.000.5 |
| Blue | 704.000.6 |
| Clear | 704.000.7 |



Indicator, flush mount, aluminium bezel, 30.5mm mounting

| Colour | Part No. |
|--------|--------------|
| Red | 704.006.218* |
| Yellow | 704.006.418* |
| Green | 704.006.518* |
| Blue | 704.006.618* |
| Clear | 704.006.718* |

*Add suffix 'B' for non captive screw with flat washer and spring washer option

For complete switch also order

For complete switch also order

Indicator



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

| Colour | Part No. |
|--------|-------------|
| Red | 704.202.208 |
| Yellow | 704.202.408 |
| Green | 704.202.508 |
| Blue | 704.202.608 |
| Clear | 704.202.708 |

Non Illuminated pushbutton



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

| Colour | Part No., Momentary | Part No., Maintained |
|--------|---------------------|----------------------|
| Red | 704.010.2 | 704.040.2 |
| Yellow | 704.010.4 | 704.040.4 |
| Green | 704.010.5 | 704.040.5 |
| Blue | 704.010.6 | 704.040.6 |
| Clear | 704.010.7 | 704.040.7 |
| Black | 704.010.0 | 704.040.0 |



Non illuminated raised pushbutton, aluminium bezel, 22.5mm mounting

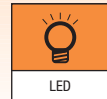
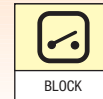
| Colour | Part No., Momentary | Part No., Maintained |
|--------|---------------------|----------------------|
| Red | 704.012.2 | 704.042.2 |
| Yellow | 704.012.4 | 704.042.4 |
| Green | 704.012.5 | 704.042.5 |
| Blue | 704.012.6 | 704.042.6 |
| Clear | 704.012.7 | 704.042.7 |
| Black | 704.012.0 |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

For complete switch also order

For complete switch also order A

For complete switch also order A

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.



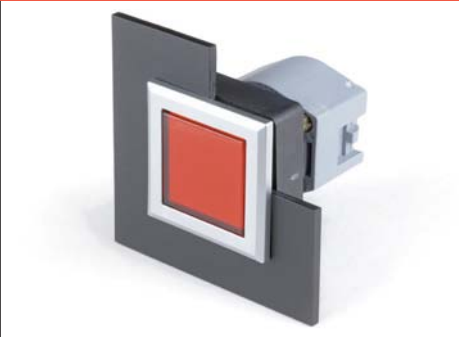
Non Illuminated pushbutton



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

| Colour | 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 | 704.042.018 |

For complete switch also order **A**



Non illuminated flush mount pushbutton,
silver bezel, 30 x 30mm mounting

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

For complete switch also order **A**

Illuminated pushbutton



Illuminated raised pushbutton,
grey plastic bezel, 22.5mm mounting

| Colour | Part No., Momentary | Part No., Maintained |
|--------|---------------------|----------------------|
| Red | 704.030.2 | 704.060.2 |
| Yellow | 704.030.4 | 704.060.4 |
| Green | 704.030.5 | 704.060.5 |
| Blue | 704.030.6 | 704.060.6 |
| Clear | 704.030.7 | 704.060.7 |

For complete switch also order **A**

Illuminated pushbutton



Illuminated raised pushbutton,
aluminium bezel, 22.5mm mounting

| Colour | Part No., Momentary | Part No., Maintained |
|--------|---------------------|----------------------|
| Red | 704.032.2 | 704.062.2 |
| Yellow | 704.032.4 | 704.062.4 |
| Green | 704.032.5 | 704.062.5 |
| Blue | 704.032.6 | 704.062.6 |
| Clear | 704.032.7 | 704.062.7 |

For complete switch also order **A**



Illuminated flush mount pushbutton,
aluminium bezel, 30.5mm mounting

| Colour | 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* |

*Add suffix 'B' for non captive screw with
flat washer and spring washer option

For complete switch also order **A**



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

| Colour | Part No., Momentary | Part No., Maintained |
|--------|---------------------|----------------------|
| Red | 704.230.208* | 704.260.208* |
| Yellow | 704.230.408* | 704.260.408* |
| Green | 704.230.508* | 704.260.508* |
| Blue | 704.230.608* | 704.260.608* |
| Clear | 704.230.708* | 704.260.708* |

*Add suffix 'B' for improved shock
and vibration performance option

For complete switch also order **A**

Series 04

22.5mm 30.5mm IP65 10A 500VAC



INDICATOR



PUSHBUTTON



E-STOP



MUSHROOM



KEYLOCK




SELECTOR




BUZZER

Choose one component from each of the coloured 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 |
| |
| |
| |
| |
| |
| |
| |
| |

For complete switch also order  **A**





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




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 |
| |
| |
| |
| |
| |
| |
| |
| |





For complete switch also order  **A**





Mushroom headed pushbutton




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

| Colour | Part No., Plastic | Part No., Aluminium |
|--|-------------------|---------------------|
|  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 |
| | | |
| | | |
| | | |
| | | |

For complete switch also order  **A**



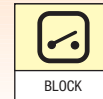
Complete switch



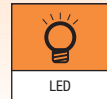
Features

- IP65 protection
- Renowned in the transportation sector for guaranteed reliability
- Modular switching system
- Intensive LED illumination
- Good snap action tactile feel
- Self cleaning contacts
- Stackable contact blocks
- Flush mount aluminium protective cover (to prevent accidental operation, damage)
- Spring return to close
- Worldwide approvals

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.



BLOCK



LED

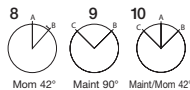


ACCESSORIES

Key insert switch



Crew insert switch, stainless steel front ring, flush mount, 30.5mm mounting



Mom 42°



Maint 90°



Maint/Mom 42°

| Drawing | Part No. | Momentary/Maintained |
|---------|---------------|-----------------------|
| 8 | 704.103.0.*28 | Momentary |
| 9 | 704.101.0.*28 | Maintained |
| 10 | 704.093.0.*18 | Maintained/Maintained |
| 10 | 704.095.0.*18 | Momentary/Momentary |
| 10 | 704.097.0.*18 | Maintained/Momentary |

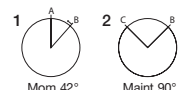
*Customised key shape will be given a specified letter by EAO. When ordering please include dimensional drawing and sample key

For complete switch also order **A**

Keylock switch



Keylock switch 2 position, raised, 22.5mm mounting



Mom 42°



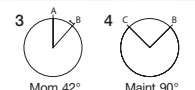
Maint 90°

| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-----------|----------------------|----------|
| 1 | 704.123.0 | Momentary | A |
| 2 | 704.121.0 | Maintained | C |
| 2 | 704.122.0 | Maintained | C + B |

For complete switch also order **A**



Keylock switch 2 position, flush mount, 30.5mm mounting



Mom 42°



Maint 90°

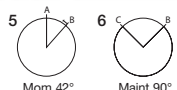
| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-------------|----------------------|----------|
| 3 | 704.123.018 | Momentary | A |
| 4 | 704.121.018 | Maintained | C |
| 4 | 704.122.018 | Maintained | C + B |

For complete switch also order **A**

Keylock switch



Keylock switch 2 position, flush mount, 30 x 30mm mounting



Mom 42°



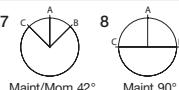
Maint 90°

| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-------------|----------------------|----------|
| 5 | 704.343.008 | Momentary | A |
| 6 | 704.341.008 | Maintained | C |
| 6 | 704.342.008 | Maintained | C + B |

For complete switch also order **A**



Keylock switch 3 position, raised, 22.5mm mounting



Maint/Mom 42°



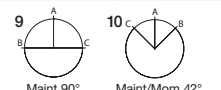
Maint 90°

| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-----------|----------------------|-----------|
| 7 | 704.115.0 | Momentary | A |
| 7 | 704.114.0 | Maintained | A |
| 7 | 704.116.0 | Maintained | C + B |
| 8 | 704.113.0 | Maintained | C + A + B |

For complete switch also order **A**



Keylock switch 3 position, flush mount, 30.5mm mounting



Maint 90°



Maint/Mom 42°

| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-------------|----------------------|-----------|
| 9 | 704.113.018 | Maintained | C + A + B |
| 10 | 704.115.018 | Momentary | A |
| 10 | 704.114.018 | Maintained | A |
| 10 | 704.116.018 | Maintained | C + B |

For complete switch also order **A**

Series 04

22.5mm 30.5mm IP65 10A 500VAC



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

Keylock switch

Keylock switch
3 position, flush mount,
30 x 30mm mounting

11

| Drawing | Part No. | Momentary/Maintained | Key rem. |
|---------|-------------|----------------------|-----------|
| 11 | 704.335.008 | Momentary | A |
| 11 | 704.334.008 | Maintained | A |
| 11 | 704.336.008 | Maintained | C + B |
| 11 | 704.333.008 | Maintained | C + A + B |

For complete switch also order **A**

Selector switch

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

12 13

| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-----------|----------------------|--------------|
| 12 | 704.412.0 | Momentary | Grey plastic |
| 12 | 704.413.0 | Momentary | Aluminium |
| 13 | 704.410.0 | Maintained | Grey plastic |
| 13 | 704.411.0 | Maintained | Aluminium |

For complete switch also order **A**

Selector switch

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

14 15

| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|-----------|
| 14 | 704.413.018 | Momentary | Aluminium |
| 15 | 704.411.018 | Maintained | Aluminium |

For complete switch also order **A**

Selector switch

Selector switch short lever 2 position, flush mount, 30 x 30mm mounting

16 17

| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|---------------|
| 16 | 704.512.008 | Momentary | Black plastic |
| 17 | 704.510.008 | Maintained | Black plastic |

For complete switch also order **A**

Selector switch

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

18

| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-----------|----------------------|--------------|
| 18 | 704.404.0 | Momentary | Grey plastic |
| 18 | 704.405.0 | Momentary | Aluminium |
| 18 | 704.402.0 | Maintained | Grey plastic |
| 18 | 704.403.0 | Maintained | Aluminium |

For complete switch also order **A**

Selector switch

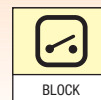
Selector switch short lever 3 position, flush mount, 30.5mm mounting

19

| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|-----------|
| 19 | 704.405.018 | Momentary | Aluminium |
| 19 | 704.403.018 | Maintained | Aluminium |

For complete switch also order **A**

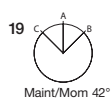
Choose one component from each of the coloured sections to assemble a complete switch.
For other options or further information please contact your local sales office.



Selector switch



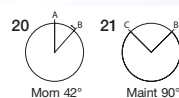
Selector switch short lever
3 position, flush mount,
30 x 30mm mounting



| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|---------------|
| 19 | 704.504.008 | Momentary | Black plastic |
| 19 | 704.502.008 | Maintained | Black plastic |



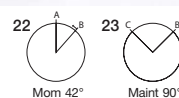
Selector switch long
lever 2 position, raised,
22.5mm mounting



| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-----------|----------------------|--------------|
| 20 | 704.102.0 | Momentary | Grey plastic |
| 20 | 704.103.0 | Momentary | Aluminium |
| 21 | 704.100.0 | Maintained | Grey plastic |
| 21 | 704.101.0 | Maintained | Aluminium |



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



| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|-----------|
| 22 | 704.103.018 | Momentary | Aluminium |
| 23 | 704.101.018 | Maintained | Aluminium |

For complete switch also order **A**

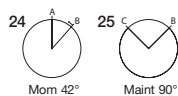
For complete switch also order **A**

For complete switch also order **A**

Selector switch



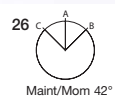
Selector switch long lever
2 position, flush mount,
30 x 30mm mounting



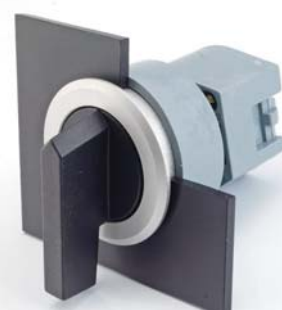
| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|---------------|
| 24 | 704.302.008 | Momentary | Black plastic |
| 25 | 704.300.008 | Maintained | Black plastic |



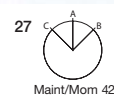
Selector switch long
lever 3 position, raised,
22.5mm mounting



| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-----------|----------------------|--------------|
| 26 | 704.094.0 | Momentary | Grey plastic |
| 26 | 704.095.0 | Momentary | Aluminium |
| 26 | 704.092.0 | Maintained | Grey plastic |
| 26 | 704.093.0 | Maintained | Aluminium |



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

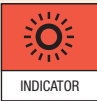


| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|-----------|
| 27 | 704.095.018 | Momentary | Aluminium |
| 27 | 704.093.018 | Maintained | Aluminium |

For complete switch also order **A**

For complete switch also order **A**

For complete switch also order **A**

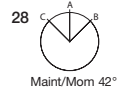


Choose one component from each of the coloured sections to assemble a complete switch.

Selector switch



Selector switch long lever
3 position, flush mount,
30 x 30mm mounting



| Drawing | Part No. | Momentary/Maintained | Bezel |
|---------|-------------|----------------------|---------------|
| 28 | 704.294.008 | Momentary | Black plastic |
| 28 | 704.292.008 | Maintained | Black plastic |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

For complete switch also order A



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

| Part No. | Bezel |
|---------------|-----------|
| 704.411.118KN | Aluminium |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

For complete switch also order A



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

| Part No. | Bezel |
|---------------|-----------|
| 704.101.118KN | Aluminium |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

For complete switch also order A

Selector switch



Selector switch, short lever multi position,
flush mount, 30 x 30mm mounting

| Part No. | Bezel |
|---------------|---------------|
| 704.510.108KN | Black plastic |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

For complete switch also order A



Selector switch, long lever multi position,
flush mount, 30 x 30mm mounting

| Part No. | Bezel |
|---------------|---------------|
| 704.300.108KN | Black plastic |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

For complete switch also order A



For other options or further information please contact your local sales office.

Product Profile

A range of lever switches to compliment the EAO Series 04 and are available with a choice of lever styles and switching action.

Options include momentary and maintained positions with 4 connection method types.

- IP54 Protection
- Switch Rating, 10A, 250VAC
- Flush Mounting into 33.5mm dia. cut out
- Up to 5 switching Positions
- Different handle shapes available
- LED Illumination Option
- Mechanical Life of minimum 5 Million Operations
- Connection types:
Screw Terminal, Plug-in, JST Connector, Fast-on 6.3mm, cage clamp®

Lever switch



Lever switch, 2-5 positions, cage clamp®, aluminium bezel, silver contacts, 33.5mm mounting

| Colour | Range | Momentary/ Maintained | Contact type | Voltage |
|---------|-------|-----------------------|-------------------------|---------------------|
| ● Black | S 41* | Momentary/ Maintained | max. 5 contacts (NC/NO) | max.250VAC/DC, 1.5A |
| | | | | |
| | | | | |
| | | | | |

*Part number will be supplied by EAO once schematic diagram has been defined including specification of lever style and switching action. For further information please contact your local sales office.



Lever switch, 2-5 positions, JST pin header, aluminium bezel, silver contacts, 33.5mm mounting

| Colour | Range | Momentary/ Maintained | Contact type | Voltage |
|---------|-------|-----------------------|-------------------------|---------------------|
| ● Black | S 42* | Momentary/ Maintained | max. 5 contacts (NC/NO) | max.250VAC/DC, 1.5A |
| | | | | |
| | | | | |
| | | | | |

*Part number will be supplied by EAO once schematic diagram has been defined including specification of lever style and switching action. For further information please contact your local sales office.

Lever switch



Lever switch, 2-5 positions, plug-in terminal, aluminium bezel, silver contacts, 33.5mm mounting

| Colour | Range | Momentary/ Maintained | Contact type | Voltage |
|---------|-------|-----------------------|-------------------------|---------------------|
| ● Black | S 43* | Momentary/ Maintained | max. 5 contacts (NC/NO) | max.250VAC/DC, 1.5A |
| | | | | |
| | | | | |
| | | | | |

*Part number will be supplied by EAO once schematic diagram has been defined including specification of lever style and switching action. For further information please contact your local sales office.



Lever switch, 2-5 positions, cage clamp®, aluminium bezel, silver contacts with positive opening, 33.5mm mounting

| Colour | Range | Momentary/ Maintained | Contact type | Voltage |
|---------|-------|-----------------------|-------------------------|--------------------|
| ● Black | S 44* | Momentary/ Maintained | max. 4 contacts (NC/NO) | max.250VAC/DC, 10A |
| | | | | |
| | | | | |
| | | | | |

*Part number will be supplied by EAO once schematic diagram has been defined including specification of lever style and switching action. For further information please contact your local sales office.



Lever switch, 2-5 positions, plug-in or screw terminals, aluminium bezel, silver contacts with positive opening, 33.5mm mounting

| Colour | Range | Momentary/ Maintained | Contact type | Voltage |
|---------|-------|-----------------------|-------------------------|--------------------|
| ● Black | S 45* | Momentary/ Maintained | max. 4 contacts (NC/NO) | max.250VAC/DC, 10A |
| | | | | |
| | | | | |
| | | | | |

*Part number will be supplied by EAO once schematic diagram has been defined including specification of lever style and switching action. For further information please contact your local sales office.



INDICATOR



PUSHBUTTON



E-STOP



MUSHROOM



KEYLOCK




SELECTOR




BUZZER

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




Buzzer




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

| Part No. | Front finish |
|------------|-----------------|
| 14-810.002 | Black plastic |
| 14-810.902 | Chromium-plated |
| | |
| | |
| | |
| | |
| | |
| | |
| | |




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

| Part No. | Front finish |
|------------|-----------------|
| 14-810.910 | Black plastic |
| 14-810.918 | Chromium-plated |
| | |
| | |
| | |
| | |
| | |
| | |
| | |








Contact block




Contact block, screw terminal, snap-action with self-cleaning silver 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 |
| | |
| | Other contact materials available. Please contact us. |
| | *Add suffix 'B' for non captive screw with flat washer and spring washer option |

For complete switch also order






Contact block




Contact block, plug-in terminal, 6.3mm, snap-action with self-cleaning silver contacts

| Part No. | Contact type |
|------------|--|
| 704.905.1* | 1NO |
| 704.905.2* | 1NC |
| 704.905.3* | 2NO |
| 704.905.4* | 2NC |
| 704.905.5* | 1NO/1NC |
| | |
| | Other contact materials available. Please contact us. |
| | *Add suffix '/D' for double plug-in terminal |



Contact block, screw terminal, slow-make with forced opening silver contacts






| Part No. | Contact type |
|------------|---|
| 704.910.2* | 1NC |
| 704.910.4* | 2NC |
| 704.910.5* | 1NO/1NC |
| | |
| | Other contact materials available. Please contact us. |
| | *Add suffix '/B' for non captive screw with flat washer and spring washer option |








Contact block, plug-in terminal, 6.3mm, slow-make with forced opening silver contacts

| Part No. | Contact type |
|------------|--|
| 704.915.2* | 1NC |
| 704.915.4* | 2NC |
| 704.915.5* | 1NO/1NC |
| | |
| | Other contact materials available. Please contact us. |
| | *Add suffix '/D' for double plug-in terminal |






For complete switch also order



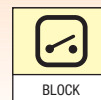
For complete switch also order



For complete switch also order



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.



Contact block



Kraus & Naimer contact block, multi position, screw terminal from 2 - 12 positions

LED



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



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

| | Colour | Part No. | Voltage | Colour | Part No. | Voltage |
|--|--------|--------------|----------------|--------|--------------|----------------|
| | Red | 10-2506.1082 | 6VDC, 17mA | Red | 10-2512.1142 | 24VAC/DC, 15mA |
| | Yellow | 10-2506.1084 | 6VDC, 17mA | Yellow | 10-2512.1144 | 24VAC/DC, 15mA |
| | Green | 10-2506.1085 | 6VDC, 17mA | Green | 10-2512.1145 | 24VAC/DC, 7mA |
| | Blue | 10-2506.1086 | 6VDC, 7mA | Blue | 10-2512.1146 | 24VAC/DC, 15mA |
| | White | 10-2506.1089 | 6VDC, 17mA | White | 10-2512.1149 | 24VAC/DC, 15mA |
| | Red | 10-2509.1142 | 12VAC/DC, 16mA | Red | 10-2513.1142 | 28VAC/DC, 13mA |
| | Yellow | 10-2509.1144 | 12VAC/DC, 16mA | Yellow | 10-2513.1144 | 28VAC/DC, 13mA |
| | Green | 10-2509.1145 | 12VAC/DC, 7mA | Green | 10-2513.1145 | 28VAC/DC, 7mA |
| | Blue | 10-2509.1146 | 12VAC/DC, 16mA | Blue | 10-2513.1146 | 28VAC/DC, 13mA |
| | White | 10-2509.1149 | 12VAC/DC, 16mA | White | 10-2513.1149 | 28VAC/DC, 13mA |
| Customised switching element part number to be supplied by EAO, once schematic diagram has been defined. For further information please contact your local sales office. | | | | | | |

For complete switch also order

LED



LED, Ba9s, single chip, 48 Volt



LED, Ba9s, single chip, 110 Volt with surge and transient protection

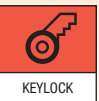
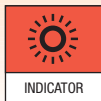


LED, Ba9s, single chip, 130 Volt and 230 Volt

| Colour | Part No. | Voltage | Colour | Part No. | Voltage | Colour | Part No. | Voltage |
|--------|--------------|---------------|--------|--------------|---------------|--------|--------------|--------------|
| Red | 10-2519.1052 | 48VAC/DC, 8mA | Red | 10-2422.3052 | 110VDC, 5.5mA | Red | 10-2H24.2052 | 130VAC / 5mA |
| Yellow | 10-2519.1054 | 48VAC/DC, 8mA | Yellow | 10-2422.3054 | 110VDC, 5.5mA | Yellow | 10-2H24.2054 | 130VAC / 5mA |
| Green | 10-2519.1055 | 48VAC/DC, 4mA | Green | 10-2422.3055 | 110VDC, 5.5mA | Green | 10-2H24.2055 | 130VAC / 3mA |
| Blue | 10-2519.1056 | 48VAC/DC, 8mA | Blue | 10-2422.3056 | 110VDC, 5.5mA | Blue | 10-2H24.2056 | 130VAC / 5mA |
| White | 10-2519.1059 | 48VAC/DC, 8mA | White | 10-2422.3059 | 110VDC, 5.5mA | 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 |

Series 04

22.5mm 30.5mm IP65 10A 500VAC



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

A Accessories








Lamp / LED block, screw terminal



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



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

| Part No. | Part No. | Colour | Part No. |
|---|---|--|---------------------------------------|
| 704.950.0* | 704.950.1* |  Red | 704.602.2 |
| | |  Yellow | 704.602.4 |
| | |  Green | 704.602.5 |
| | |  Blue | 704.602.6 |
| | |  Clear | 704.602.7 |
| | | | |
| | | | |
| *Add suffix 'B' for non captive screw with flat washer and spring washer option | | | For complete lens also order diffuser |
| | *Add suffix 'D' for double plug-in terminal | | 704.609.9 (see page 38) |

A Accessories















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



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



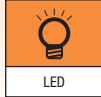
Protective cover, raised pushbutton

| Part No. | | Part No. | | Comment | Part No. | |
|---|---------------------------------------|---|------------|-------------------------|----------|-----------|
|  Red | 704.611.2 |  Red | 704.601.2 | | | 704.925.0 |
|  Yellow | 704.611.4 |  Yellow | 704.601.4 | | | |
|  Green | 704.611.5 |  Blue | 704.601.6 | | | |
|  Blue | 704.611.6 |  Silver | 704.601.8 | | | |
|  Clear | 704.611.7 |  Silver | 704.601.81 | Window for illumination | | |
| | |  Black | 704.601.0 | | | |
| | |  Black | 704.601.01 | Window for illumination | | |
| | | | | | | |
| | For complete lens also order diffuser | | | | | |
| | 704.610.9 (see page 38) | | | | | |

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.



BLOCK



LED



ACCESSORIES

A Accessories



Aluminium protective cover for flush mount pushbutton with fitted spring, closed

| Colour | Part No. |
|-----------|------------|
| ● Red | 704.928.12 |
| ● Yellow | 704.928.14 |
| ● Blue | 704.928.16 |
| ○ Natural | 704.928.18 |
| | |
| | |
| | |
| | |
| | |
| | |



Aluminium protective cover for flush mount selector switch short lever with fitted spring, closed

| Colour | Part No. |
|-----------|------------|
| ○ Natural | 704.928.28 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



Aluminium protective cover for flush mount selector switch, lockable

| Part No. |
|----------------------|
| ○ Natural 704.928.38 |
| |
| |
| |
| |
| |
| |
| |
| |

A Accessories



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

| Part No. | Size |
|-----------|-----------------------------------|
| 704.600.3 | 29mm Ø for raised pushbutton |
| 704.955.3 | 35mm Ø for flush mount pushbutton |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



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

| Part No. |
|-----------|
| 704.927.4 |
| |
| |
| |
| |
| |
| |
| |



Emergency-stop switch label, 60mm diameter, English, German, French and Dutch

| Part No. | Markings |
|-----------|-----------------|
| 704.963.6 | Emergency stop |
| 704.963.5 | Not Aus |
| 704.963.7 | Arret D'urgence |
| 007.963.6 | Noodstop |
| | |
| | |
| | |
| | |



INDICATOR



PUSHBUTTON



E-STOP



MUSHROOM



KEYLOCK



SELECTOR



BUZZER

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

A Accessories



Emergency-stop switch enclosure with 22.5mm mounting hole, 83mm (w) x 83mm (h) x 59mm (d)

| | Part No. |
|---|-----------|
| 1 | 704.945.0 |
| 2 | 704.945.6 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



Blanking plate

| | Part No. | Mounting hole |
|--|-----------|---------------|
| | 704.960.7 | 22.5mm Ø |
| | 704.964.8 | 30.5mm Ø |
| | 704.964.9 | 30 x 30mm |
| | | |
| | | |
| | | |
| | | |
| | | |



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

A Accessories

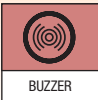


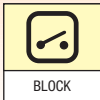
Lens remover for square pushbuttons and indicators

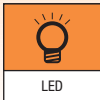
| | 98-968 |
|--|--------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |




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.


BUZZER

BLOCK


LED

A
ACCESSORIES

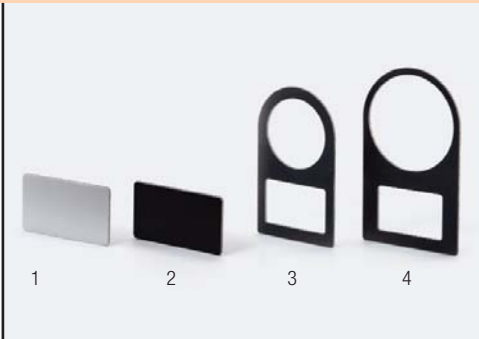
A Accessories



Mounting flange



Diffuser for raised indicator, diffuser for flat lens indicator and pushbutton, diffuser for raised pushbutton



Legend plate, adhesive, natural anodised aluminium finish for raised and flush mount pushbuttons

| Part No. | Material | Image | Part No. | Product description | Image | Part No. | Mounting hole | Legend plate |
|-----------|----------|-------|-----------|--------------------------------|-------|-----------|---------------|--------------|
| 704.960.5 | Metal | 1 | 704.608.9 | Diffuser for raised indicator | 1 | 704.968.0 | 23.5 x 14.5mm | Aluminium |
| 704.950.5 | Plastic | 2 | 704.609.9 | Diffuser for flat lens | 2 | 704.968.1 | 23.5 x 14.5mm | Black |
| | | 3 | 704.610.9 | Diffuser for raised pushbutton | 3 | 704.968.2 | 22.5mm Ø | Black |
| | | | | | 4 | 704.968.3 | 30.5mm Ø | Black |
| | | | | | | 704.968.4 | 35 x 18mm | Aluminium |
| | | | | | | 704.968.5 | 35 x 18mm | 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.

Material

Material of contacts

hardsilver, gold/silver, silver/palladium (for aggressive atmospheres)

Switching element

polycarbonate PC

Mechanical characteristics

Connection method

screw terminals

plug-in terminals 6.3 x 0.8 mm:

max. wire cross-section: 2 x 2.5 mm

max. wire cross-section of stranded cable: 2 x 1.5 mm

For switches with plug-in terminals it is necessary to provide insulation sockets and to maintain a spacing of 65 mm between rows (mounting dimensions).

Starting torque

screws at the mounting flange: max. 25 Ncm

screws at switching element: max. 50 Ncm

Actuating force

11-20 N ± 1 N

depending on the number of switching elements, 1 to 3 elements

Storage temperature

-40°C to + 85°C

Mechanical life

- pushbuttons:
 - maintained action 1.5 million cycles of operation
 - momentary action 3 million cycles of operation
- selector switch:
 - maintained action 1.25 million cycles of operation
 - momentary action 2.5 million cycles of operation
- e-stop switch:
 - >= 50'000 cycles of operation
- keylock switch:
 - maintained action 25'000 cycles of operation
 - momentary action 50'000 cycles of operation

Rebound time

<= 3 ms

Travel

5.8 ± 0.2 mm

Resistance to shock

(single impacts, semi-sinusoidal)

30 g for 11 ms as per EN 60 947-5-1

Resistance to vibration

(sinusoidal)

10 g at 10-2000 Hz, amplitude 0,75 mm as per EN 60 947-5-1

Ambient air temperature

min. - 25°C (- 40° with restriction)

max. without illumination: + 80°C

max. with neon lamp + 80°C

max. with LED: + 80°C

max. with incandescent lamp: + 40°C

(as per DIN IEC 68-)

Electrical characteristics

Rated insulation voltage

500 VAC/600 VDC as per VDE 0100, group C

Standards

The switches comply with the "Standards for low-voltage switching devices" EN 60 947-5-1

Contact resistance

starting value <= 50 mΩ as per IEC 512-2-4

Insulation resistance

>= 10 mΩ between open contacts at 500 VDC, as per IEC 512-2-10

Continuous thermal current Ith₂

10 A

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

Switch rating max.

at switch rating AC for gold-, silver- and hard silver contacts service category AC-15 as per EN60947-5-1 (cos φ = 0.7)

voltage: 230 VAC 400 VAC 500 VAC

current: 6 A 4 A 2.5 A

at switch rating DC for gold-, silver- and hard silver contacts service category DC as per EN60947-5-1

L/R=100 ms at P>=50 W and

L/R=2 x P ms<50 W

WOP stands for switch rating in watt

voltage: 24 VDC 60 VDC 110 VDC

current: 10 A 3 A 1 A

Switch rating min.

gold/silver contacts:

voltage: 5 VDC 24 VDC 110 VDC

current: 15 mA 5 mA 2 mA

hard silver contacts:

voltage: 24 VDC 110 VDC

current: 50 mA 10 mA

Electric strength

5000 VAC, 50 Hz, 1 min. between all terminals and earth.

Approvals

- SEV 500 VAC/10 A
- CSA 300 VAC
- UL 600 VAC HD
- German Navy
- German Lloyd
- CE (declaration of conformity)
- CB

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. Slow-make contacts with forced action are ideal for high switch ratings. Up to 3 switching elements can be snapped to each actuator.

Material

Material of contacts

hardsilver, gold/silver, silver/palladium (for aggressive atmospheres)

Switching element

polycarbonate PC

Mechanical characteristics

Connection method

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

Starting torque

screws at the mounting flange: max. 25 Ncm
 screws at switching element: max. 50 Ncm

Actuating force

13-36 N ± 1 N
 depending on the number of switching elements, 1 to 3 elements

Storage temperature

-40°C to + 85°C

Mechanical life

pushbuttons: - maintained action 1.5 million cycles of operation
 - momentary action 3 million cycles of operation
 selector switch: - maintained action 1.25 million cycles of operation
 - momentary action 2.5 million cycles of operation
 e-stop switch: - >= 50'000 cycles of operation
 keylock switch: - maintained action 25'000 cycles of operation
 - momentary action 50'000 cycles of operation

Travel

5.8 ± 0.2 mm

Resistance to shock

(single impacts, semi-sinusoidal) 30 g for 11 ms as per EN 60 947-5-1

Resistance to vibration

(sinusoidal) 10 g at 10-2000 Hz, amplitude 0,75 mm as per EN 60 947-5-1

Rebound time

<= 1 ms

Ambient air temperature

min. - 25°C (- 40° with restriction)
 max. without illumination: + 80°C
 max. with neon lamp + 80°C
 max. with LED: + 80°C
 max. with incandescent lamp: + 40°C

Electrical characteristics

Rated insulation voltage

500 VAC/600 VDC as per VDE 0100, group C

Standards

The switches comply with the Rules for low-voltage switching devices EN 60 947-5-1

Contact resistance

starting value <= 50 mΩ as per IEC 512-2-4

Insulation resistance

>= 100 mΩ between open contacts at 500 VDC, as per IEC 512-2-10.

Continuous thermal current Ith₂

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

Switch rating max.

at switch rating AC for gold-, silver- and hard silver contacts
 service category AC-15 as per EN60947-5-1 (cos φ = 0.7)
 voltage: 230 VAC 400 VAC 500 VAC
 current: 7 A 5 A 4 A

At switch rating DC for gold-, silver- and hard silver contacts
 service category DC as per EN60947-5-1

L/R=100 ms at P>=50 W and

L/R=2 x P ms<50 W

WOP stands for switch rating in watt

voltage: 24 VDC 60 VDC 110 VDC

current: 10 A 5 A 2.5 A

Switch rating min.

gold/silver contacts:

voltage 24 VDC 110 VDC

current: 10 mA 2 mA

hard silver contacts:

voltage 24 VDC 110 VDC

current: 50 mA 10 mA

Electric strength

5000 VAC, 50 Hz, 1 min. between all terminals and earth

Approvals

- SEV 500 VAC/10 A
 - CSA 300 VAC
 - UL 600 VAC HD
 - German Navy
 - German Lloyd
 - CE (declaration of conformity)
 - CB

Buzzer

Buzzer system

System

Piezo disc

Material

Alarm buzzer case

polyamide

Front cap

plastic: polyamide

metal: nickel-plated brass sea-water proof

Mechanical characteristics

Connection method

plug-in terminal 2.8 x 0.5 mm

Operating temperature

-25°C to + 50°C

Storage temperature

-25°C to + 50°C

Degree of protection

IP 40 as per IEC 529 (flush mounting)

IP 65 (raised fitting) as per IEC 529

Electrical characteristics

Frequency (tone)

ca. 2.8 kHz continuous tone only

Sound pressure

95 db (A) ± 8 at a distance of 0.1 m

Operation voltage/current

operation voltage: 24 VDC ± 10%

operation current: <= 25 mA

Selector switch actuator

Material

Front ring

polyamide, aluminium or chromium-plated nickel steel

Mounting flange

polyethylene terephthalate

Actuator case

polycarbonate, polyamide

Mechanical characteristics

Actuating force

snap-action switching element: $11-20\text{ N} \pm 1\text{ N}$

slow-make switching element: $13-36\text{ N} \pm 1\text{ N}$

depending on the number of snap-action elements

Storage temperature

-30°C to $+85^{\circ}\text{C}$

Mechanical life

pushbutton: ≥ 3 million operations

selector switch: ≥ 2.5 million operations

emergency stop switch: $\geq 50\,000$ operations

keylock switch: $\geq 50\,000$ operations

Travel

$5.8 \pm 0.2\text{ mm}$

Degree of protection

front as per IEC 529: IP 65

Ambient air temperature

min. -25°C

max. without illumination: $+80^{\circ}\text{C}$

max. with neon lamp: $+80^{\circ}\text{C}$

max. with LED: $+80^{\circ}\text{C}$

max. with incandescent lamp: $+55^{\circ}\text{C}$

Electrical characteristics

Standards

The switches comply with the "Rules for low-voltage switching devices" EN 60 947-5-1

Rotary selector switch element

Mechanical characteristics

Number of positions

2 to 12 positions max.

Number of contacts

1 to 16 max. normally open contacts

(contact positioning to the rotary plan)

Switching angle

Switching position a (90°) is basic position

maintained action switching angle

12 x 30° max.

8 x 45° max.

6 x 60° max.

4 x 90° max.

momentary action with release 24°

(provide at the beginning or at the end)

Standard type of Kraus + Naimer

- CG 4 hardsilver contacts with $1\text{ }\mu\text{m}$ gold layer

- CG 4-1 hardsilver contacts with $35\text{ }\mu\text{m}$ gold layer

Electrical characteristics

DC 1, resistive circuits T = 1 ms

1 contact in line

| | | | | | | |
|---------------------|------|------|------|-------|-------|-------|
| permissible voltage | 24 V | 48 V | 60 V | 110 V | 220 V | 440 V |
|---------------------|------|------|------|-------|-------|-------|

| | | | | | | |
|-----------------------|--------|-------|-------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A | 0.3 A | 0.2 A |
|-----------------------|--------|-------|-------|-------|-------|-------|

2 contacts in line

| | | | | | | |
|---------------------|------|------|-------|-------|-------|-------|
| permissible voltage | 48 V | 95 V | 120 V | 220 V | 440 V | 660 V |
|---------------------|------|------|-------|-------|-------|-------|

| | | | | | | |
|-----------------------|--------|-------|-------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A | 0.3 A | 0.2 A |
|-----------------------|--------|-------|-------|-------|-------|-------|

3 contacts in line

| | | | | | |
|---------------------|------|-------|-------|-------|-------|
| permissible voltage | 70 V | 140 V | 180 V | 330 V | 660 V |
|---------------------|------|-------|-------|-------|-------|

| | | | | | |
|-----------------------|--------|-------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A | 0.3 A |
|-----------------------|--------|-------|-------|-------|-------|

4 contacts in line

| | | | | |
|---------------------|------|-------|-------|-------|
| permissible voltage | 95 V | 190 V | 240 V | 440 V |
|---------------------|------|-------|-------|-------|

| | | | | |
|-----------------------|--------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A |
|-----------------------|--------|-------|-------|-------|

5 contacts in line

| | | | | |
|---------------------|-------|-------|-------|-------|
| permissible voltage | 120 V | 240 V | 300 V | 550 V |
|---------------------|-------|-------|-------|-------|

| | | | | |
|-----------------------|--------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A |
|-----------------------|--------|-------|-------|-------|

6 contacts in line

| | | | | |
|---------------------|-------|-------|-------|-------|
| permissible voltage | 144 V | 290 V | 360 V | 660 V |
|---------------------|-------|-------|-------|-------|

| | | | | |
|-----------------------|--------|-------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A | 0.7 A |
|-----------------------|--------|-------|-------|-------|

8 contacts in line

| | | | |
|---------------------|-------|-------|-------|
| permissible voltage | 190 V | 350 V | 450 V |
|---------------------|-------|-------|-------|

| | | | |
|-----------------------|--------|-------|-------|
| rated service current | 10.0 A | 6.0 A | 2.5 A |
|-----------------------|--------|-------|-------|

Inductive circuits T = 50 ms

1 contact in line

| | | | | | |
|---------------------|------|------|------|------|-------|
| permissible voltage | 24 V | 30 V | 48 V | 60 V | 110 V |
|---------------------|------|------|------|------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

2 contacts in line

| | | | | | |
|---------------------|------|------|------|-------|-------|
| permissible voltage | 48 V | 60 V | 95 V | 120 V | 220 V |
|---------------------|------|------|------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

3 contacts in line

| | | | | | |
|---------------------|------|------|-------|-------|-------|
| permissible voltage | 72 V | 90 V | 140 V | 180 V | 330 V |
|---------------------|------|------|-------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

4 contacts in line

| | | | | | |
|---------------------|------|-------|-------|-------|-------|
| permissible voltage | 96 V | 120 V | 190 V | 240 V | 440 V |
|---------------------|------|-------|-------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

5 contacts in line

| | | | | | |
|---------------------|-------|-------|-------|-------|-------|
| permissible voltage | 120 V | 150 V | 240 V | 300 V | 550 V |
|---------------------|-------|-------|-------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

6 contacts in line

| | | | | | |
|---------------------|-------|-------|-------|-------|-------|
| permissible voltage | 144 V | 180 V | 290 V | 360 V | 660 V |
|---------------------|-------|-------|-------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

8 contacts in line

| | | | | |
|---------------------|-------|-------|-------|-------|
| permissible voltage | 190 V | 240 V | 350 V | 450 V |
|---------------------|-------|-------|-------|-------|

| | | | | | |
|-----------------------|-------|-------|-------|-------|-------|
| rated service current | 6.0 A | 3.0 A | 1.0 A | 0.7 A | 0.3 A |
|-----------------------|-------|-------|-------|-------|-------|

Short-circuit-proof

max. insurance (gL-characteristics) 10 A

conditional rated short-circuit current 3 kA

Rated service voltage

| | |
|-----|-------|
| IEC | 500 V |
|-----|-------|

| | |
|----|-------|
| UL | 300 V |
|----|-------|

| | |
|-----|-------|
| SEV | 380 V |
|-----|-------|

| | |
|--------|-------|
| CEE 24 | 380 V |
|--------|-------|

Rated service current I_0

10 A

AC 21 switching of resistive load with low overload

AC 1 non or bad inductive load

AC 22 switching of mixed resistive and inductive load with low overload

AC 11 switching of magnetic drives, contactors, valves, draw-in magnet

Thermic rated current I_{th2}

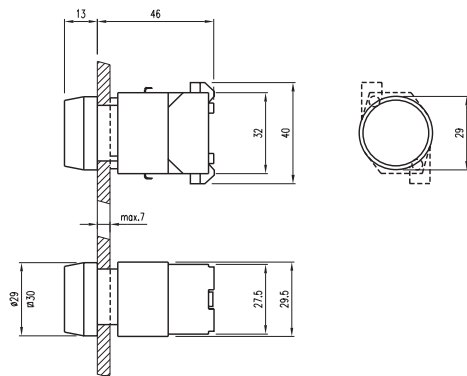
$I_{th2} = 10\text{ A}$

Resistance/motor load

CEE 24 4/2 A

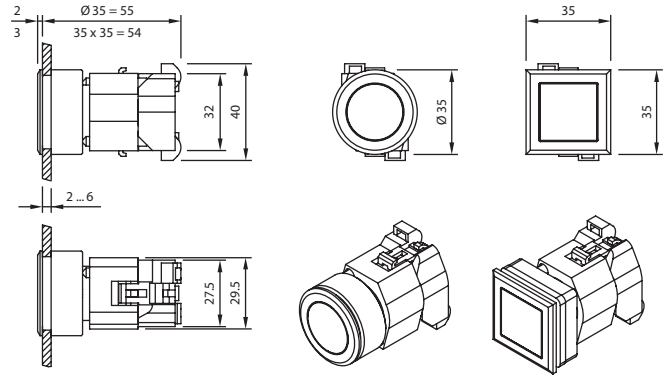
04 Indicator

Raised



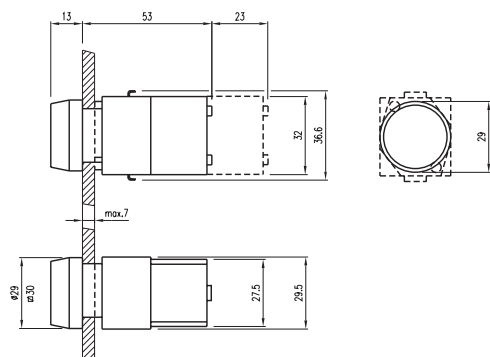
04 Indicator

Flush



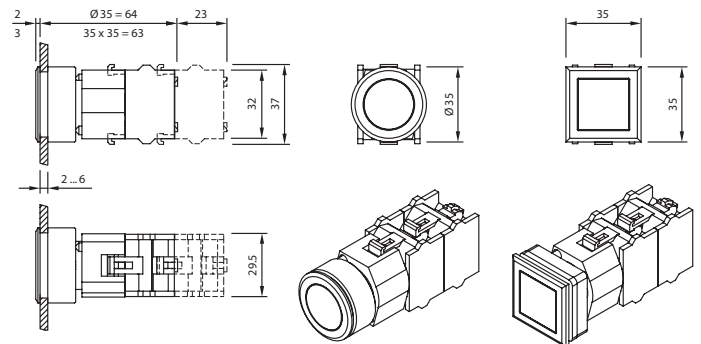
04 Pushbutton

Non-Illuminated, Raised



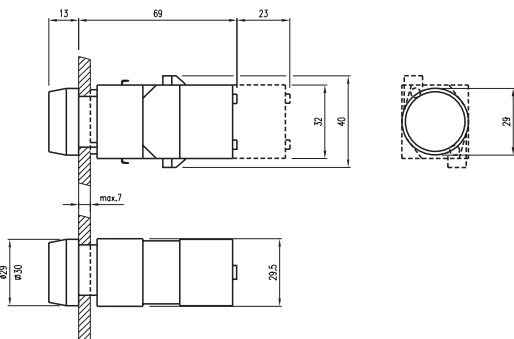
04 Pushbutton

Non-Illuminated, Flush



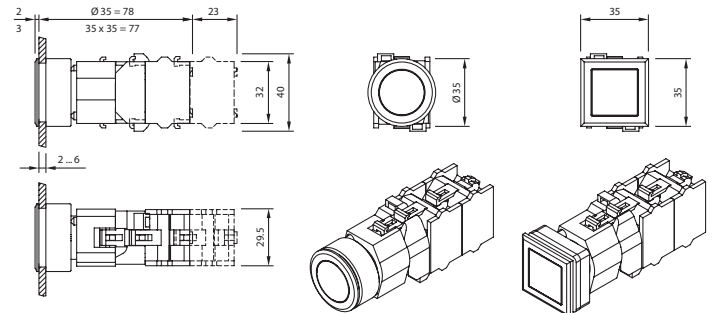
04 Pushbutton

Illuminated, Raised



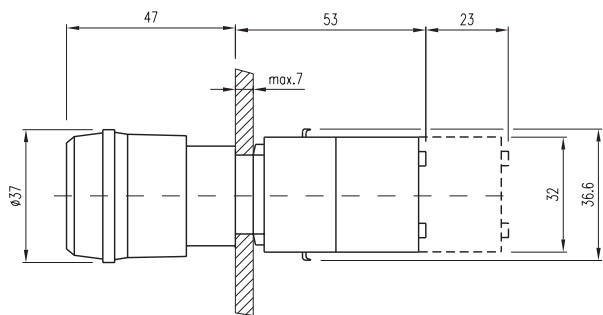
04 Pushbutton

Illuminated, Flush



04 E-Stop

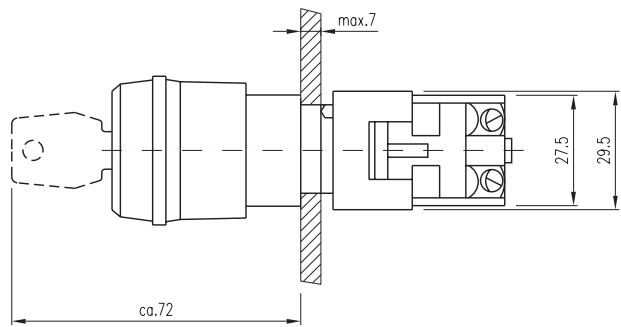
EN 418



twist to release

04 E-Stop

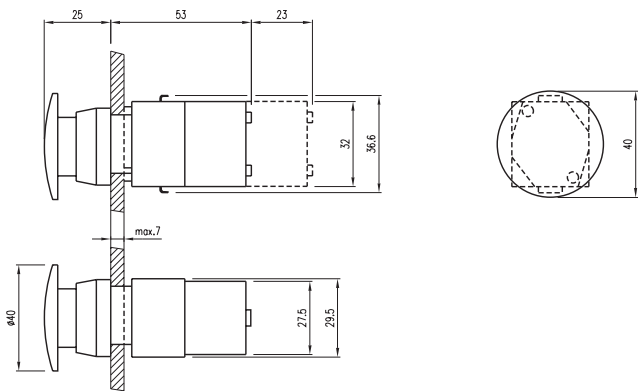
EN 418 with optional key



key to unlock

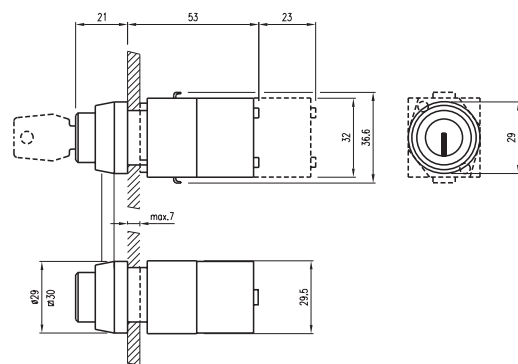
04 E-Stop Mushroom

Pushbutton Mushroom



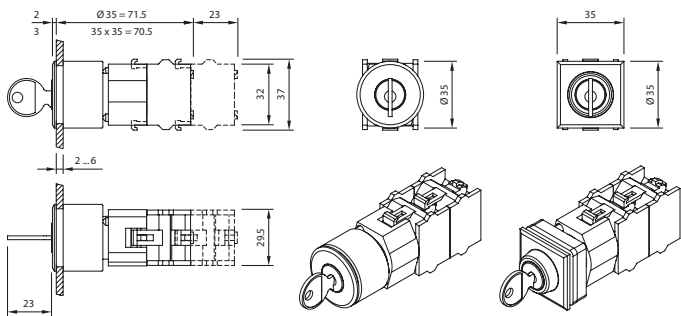
04 Keylock

2-Position, 3-Position, Raised



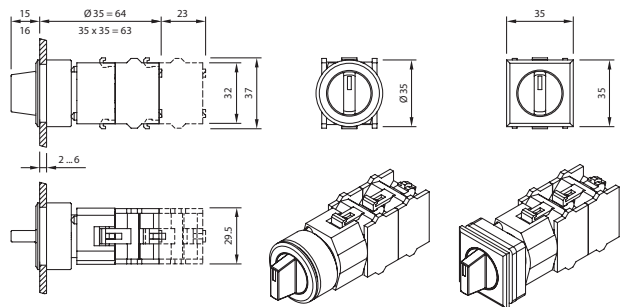
04 Keylock

2-Position, 3-Position, Flush



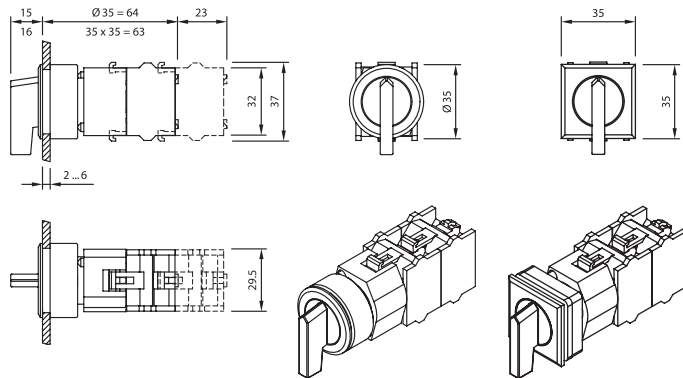
04 Selector

2-Position, 3-Position, Short, Flush



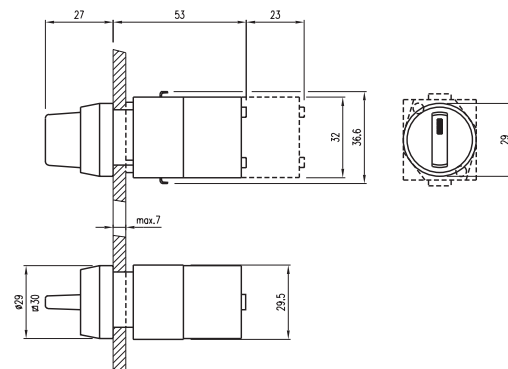
04 Selector

2-Position, 3-Position, Long, Flush



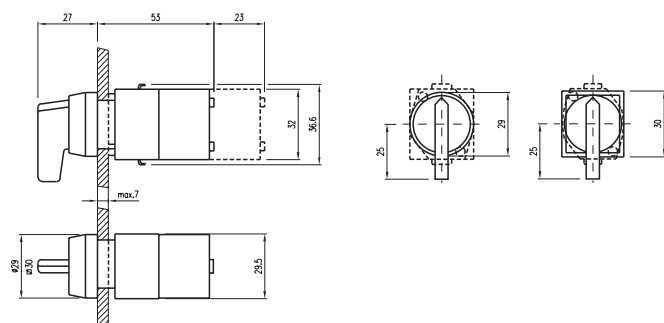
04 Selector, Short Lever

2-Position, 3-Position, Raised



04 Selector, Long Lever

2-Position, 3-Position, Raised

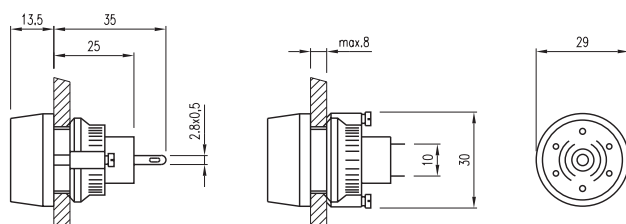


04 Lever switch

Separate technical document available.
Please contact your local sales office.

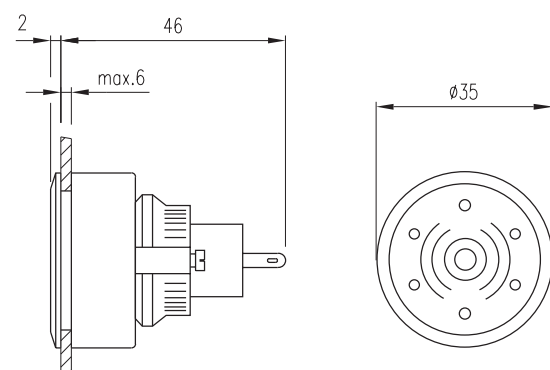
04 Buzzer

Raised

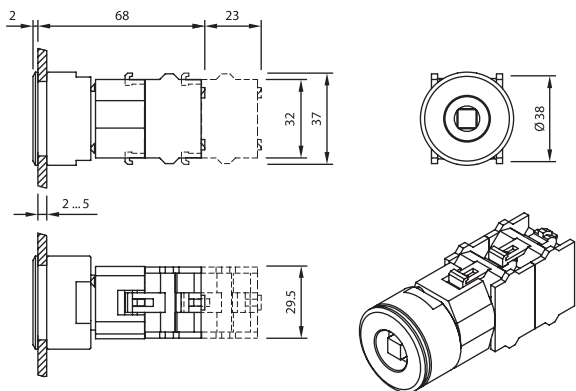


04 Buzzer

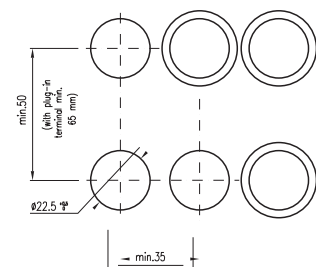
Flush



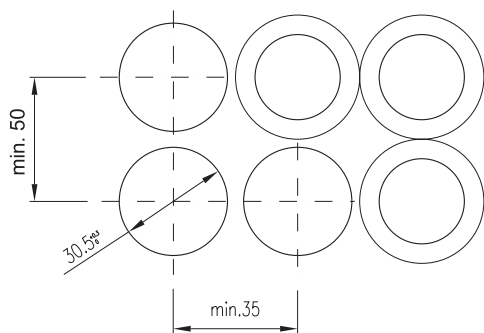
04 Key Insert Switch



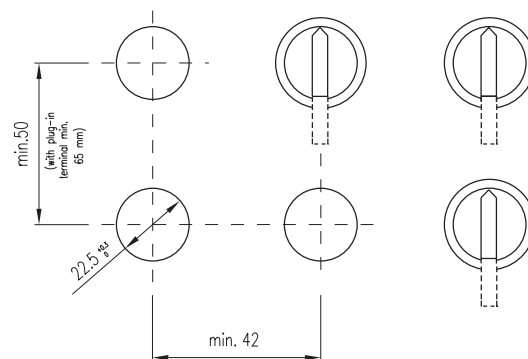
04 Cut-outs, Raised Mounting
(All but long lever)



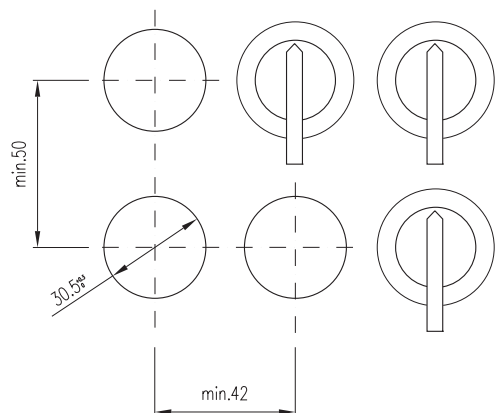
04 Cut-outs, Flush Mounting
(All but long lever)



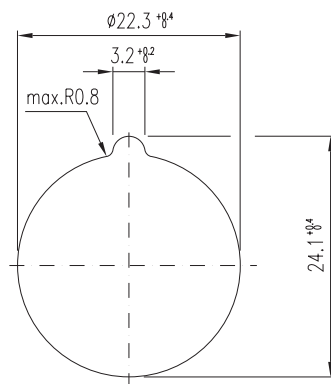
04 Long Lever Cut-outs, Raised Mounting



04 Long Lever Cut-outs, Flush Mounting

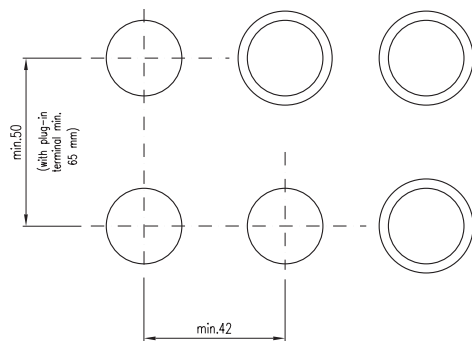


04 E-Stop EN418 Cut-outs

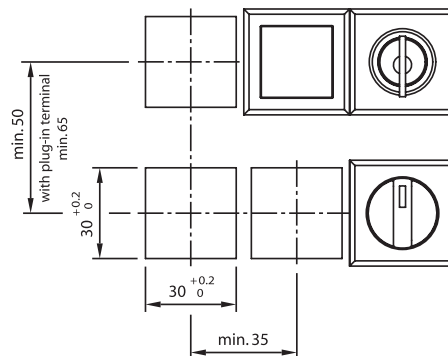


04 E-Stop Mushroom Cut-outs

Pushbutton Mushroom

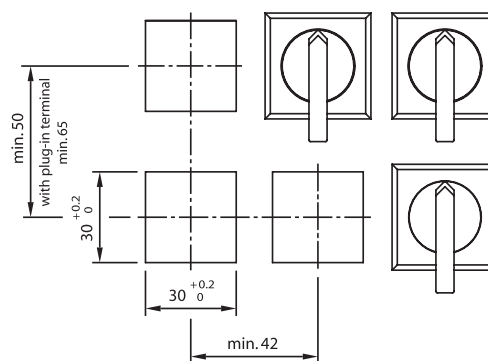
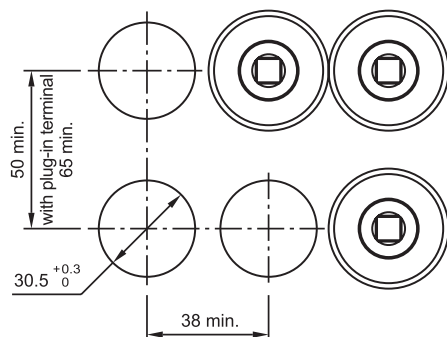


04 Cut-outs, Square, Flush Mounting

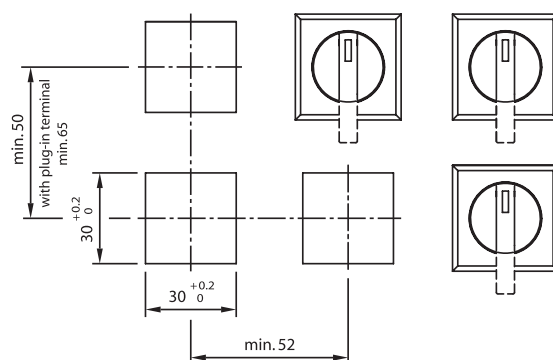


Indicator-, pushbutton-, keylock switch-, selector switch actuator short lever

04 Key Insert Cut-outs, Flush Mounting



Selector switch actuator long lever



Multi position rotary selector switch actuator



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.