

Complete Devices - Round

Pages 11-8 ... 11-15

Shows an overview of the complete devices

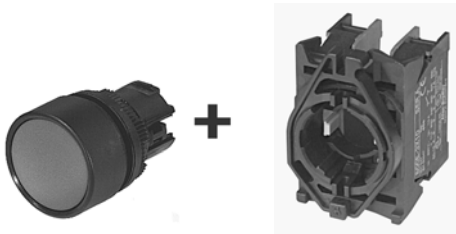


| | |
|---|-------|
| Non-illuminated Push Buttons (Plastic Operator) | 11-8 |
| Illuminated Push Buttons (Plastic Operator) | 11-9 |
| eco-Pilot Lights (Plastic Operator) | 11-10 |
| Pilot Lights (Plastic Operator) | 11-10 |
| Non-Illuminated Selector Switch Operators (Plastic Oper.) | 11-11 |
| Key Operated Selector Switch Operators (Plastic Oper.) | 11-11 |
| Non-Illuminated Multi-Function Operators (Plastic Operator) ... | 11-12 |
| Illuminated Multi-Function Operators (Plastic Operator) | 11-12 |
| EMERGENCY STOP Operators | 11-13 |
| EMERGENCY STOP Operators in Enclosure | 11-14 |
| Potentiometer | 11-15 |

Front Elements - Round

Pages 11-16 ... 11-49

Shows an overview of the front elements
and the matching contact and lamp elements

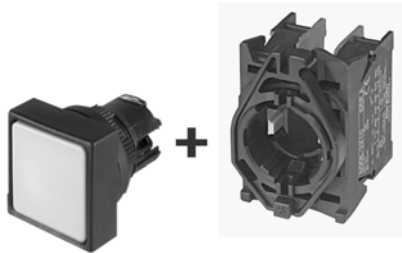


| | |
|--|-------|
| Non-Illuminated Momentary Push Buttons | |
| Momentary, | 11-16 |
| Momentary, with legend text | 11-16 |
| Maintained | 11-17 |
| Illuminated Momentary Push Buttons | |
| Momentary, | 11-18 |
| Momentary, with legend text | 11-18 |
| Maintained | 11-19 |
| Non-Illuminated Momentary Mushroom Operators | |
| Momentary, | 11-20 |
| 2 Position | 11-20 |
| 3 Position | 11-22 |
| With key lock | 11-22 |
| Illuminated Momentary Mushroom Operators | |
| Momentary, | 11-24 |
| 2 Position | 11-24 |
| Pilot Lights | |
| Non-Illuminated Selector Switch Operators | |
| 2 Position | 11-28 |
| 3 Position | 11-30 |
| 4 Position | 11-32 |
| Illuminated Selector Switch Operators | |
| 2 Position | 11-34 |
| 3 Position | 11-36 |
| 4 Position | 11-38 |
| Key Operated Selector Switch Operators | |
| 2 Position | 11-40 |
| 3 Position | 11-42 |
| Selector Jog Operators | |
| Reset Operators | |
| Wobble Stick Operators | |
| Joy Stick Operators | |
| Non-Illuminated Multi-Function Operators | |
| Illuminated Multi-Function Operators | |

Front Elements - Square

Pages 11-50 ... 11-72

Shows an overview of the front elements and the matching contact and lamp elements



| | |
|--|-------|
| Non-Illuminated Momentary Push Buttons | |
| Momentary, | 11-50 |
| Momentary, with legend text | 11-50 |
| Maintained | 11-51 |
| Illuminated Momentary Push Buttons | |
| Momentary, | 11-52 |
| Momentary, with legend text | 11-52 |
| Maintained | 11-53 |
| Non-Illuminated Momentary Mushroom Operators | |
| Momentary, | 11-54 |
| Pilot Lights | 11-55 |
| eco-Pilot Lights | 11-55 |
| Non-Illuminated Selector Switch Operators | |
| 2 Position | 11-56 |
| 3 Position | 11-58 |
| 4 Position | 11-60 |
| Illuminated Selector Switch Operators | |
| 2 Position | 11-62 |
| 3 Position | 11-64 |
| 4 Position | 11-66 |
| Key Operated Selector Switch Operators | |
| 2 Position | 11-68 |
| 3 Position | 11-70 |
| Reset Operators..... | 11-72 |

Contact- Lamp- and Transformer Elements

Pages 11-73 ... 11-75



Enclosures

Pages 11-76 ... 11-77



Enclosures for base mounting, empty..... 11-76
Control enclosures 11-77

Accessories

Pages 11-78 ... 11-103

Individual Components

Pages 11-104 ... 11-115

Shows a selection of individual components.
The figures show an overview of individual components.



Individual Components - Round

Non-Illuminated Momentary Push Buttons 11-104
Illuminated Momentary Push Buttons 11-105
Non-Illuminated Selector Switch Operators 11-106
Illuminated Selector Switch Operators..... 11-108
Non-Illuminated Multi-Function Operators 11-110
Illuminated Multi-Function Operators 11-111

Individual Components - Square

Non-Illuminated Momentary Push Buttons 11-112
Illuminated Momentary Push Buttons 11-113
Non-Illuminated Selector Switch Operators 11-114
Illuminated Selector Switch Operators..... 11-115

Specifications

Pages 11-116 ... 11-119

Dimensions

Pages 11-120 ... 11-128









Control and Indicating Devices


Product Selection: Complete Devices - Round

Non-illuminated Push Buttons (Plastic Operator)

- Colour of legend text: white and black
- Legend colour cap supplied loose for customer installation



| Contact Block | Colour | Text | Momentary Flush | | | |
|---|-------------------------|------------|---|----|---|----|
| | | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ |
|  | green green green | START | 800EP-F33LX10 800EP-F306W3LX10 800EP-F301W3LX10 | 1 | 800ES-F33LX10 800ES-F306W3LX10 800ES-F301W3LX10 | 1 |
|  | white white white | START | 800EP-F13LX10 800EP-F106B3LX10 800EP-F101B3LX10 | 1 | 800ES-F13LX10 800ES-F106B3LX10 800ES-F101B3LX10 | 1 |
|  | red red red | O STOP | 800EP-F43LX01 800EP-F405W3LX01 800EP-F402W3LX01 | 1 | 800ES-F43LX01 800ES-F405W3LX01 800ES-F402W3LX01 | 1 |
|  | red | | 800EP-F43LX10 | 1 | 800ES-F43LX10 | 1 |
|  | black black black | O STOP | 800EP-F23LX01 800EP-F205W3LX01 800EP-F202W3LX01 | 1 | 800ES-F23LX01 800ES-F205W3LX01 800ES-F202W3LX01 | 1 |
|  | black | | 800EP-F23LX10 | 1 | 800ES-F23LX10 | 1 |
|  | yellow | | 800EP-F53LX10 | 1 | 800ES-F53LX10 | 1 |
|  | blue blue blue | R RESET | 800EP-F63LX10 800EP-F611W3LX10 800EP-F607W3LX10 | 1 | 800ES-F63LX10 800ES-F611W3LX10 800ES-F607W3LX10 | 1 |

| Contact Block | Colour | Text | Momentary, Raised | | | |
|---|-------------------|-----------|---|----|---|----|
| | | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ |
|  | red red red | O STOP | 800EP-E43LX01 800EP-E405W3LX01 800EP-E402W3LX01 | 1 | 800ES-E43LX01 800ES-E405W3LX01 800ES-E402W3LX01 | 1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Push Buttons (Plastic Operator)

- Please order incandescent lamp or LED separately



| Contact Block and Lamp Element | Colour | Momentary Flush | | | |
|--------------------------------|-------------|--------------------------|----|------------------------|----|
| | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| max. 250 V | green | 800EP-LF33DL0X10 | 1 | 800ES-LF33DL0X10 | 1 |
| max. 250 V | red | 800EP-LF43DL0X01 | 1 | 800ES-LF43DL0X01 | 1 |
| max. 250 V | red | 800EP-LF43DL0X10 | 1 | 800ES-LF43DL0X10 | 1 |
| max. 250 V | yellow | 800EP-LF53DL0X10 | 1 | 800ES-LF53DL0X10 | 1 |
| max. 250 V | blue | 800EP-LF63DL0X10 | 1 | 800ES-LF63DL0X10 | 1 |
| max. 250 V | transparent | 800EP-LF73DL0X10 | 1 | 800ES-LF73DL0X10 | 1 |
| 240 VAC 1 | green | 800EP-LF33RL7X10 | 1 | 800ES-LF33RL7X10 | 1 |
| 240 VAC 1 | red | 800EP-LF43RL7X01 | 1 | 800ES-LF43RL7X01 | 1 |

| Contact Block and Lamp Element | Colour | Maintained, Flush | | | |
|--------------------------------|-------------|--------------------------|----|------------------------|----|
| | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| max. 250V | green | 800EP-LFA33DL0X10 | 1 | 800ES-LFA33DL0X10 | 1 |
| max. 250V | red | 800EP-LFA43DL0X01 | 1 | 800ES-LFA43DL0X01 | 1 |
| max. 250V | red | 800EP-LFA43DL0X10 | 1 | 800ES-LFA43DL0X10 | 1 |
| max. 250V | yellow | 800EP-LFA53DL0X10 | 1 | 800ES-LFA53DL0X10 | 1 |
| max. 250V | blue | 800EP-LFA63DL0X10 | 1 | 800ES-LFA63DL0X10 | 1 |
| max. 250V | transparent | 800EP-LFA73DL0X10 | 1 | 800ES-LFA73DL0X10 | 1 |
| max. 250V | transparent | 800EP-LFA73DL0X20 | 1 | — | |

1 The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible.

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Complete Devices - Round

eco-Pilot Lights (Plastic Operator)

- Please order incandescent lamp or LED separately



| Direct Wire | Colour | Standard | | Optically Enhanced | |
|-------------|-------------|----------------|----|--------------------|----|
| | | Cat. No. | PQ | Cat. No. | PQ |
| max. 250V | green | 800EP-PM3D0 | 1 | 800EP-PLM3D0 | 1 |
| max. 250V | red | 800EP-PM4D0 | 1 | 800EP-PLM4D0 | 1 |
| max. 250V | yellow | 800EP-PM5D0 | 1 | 800EP-PLM5D0 | 1 |
| max. 250V | blue | 800EP-PM6D0 | 1 | 800EP-PLM6D0 | 1 |
| max. 250V | transparent | 800EP-PM7D0 | 1 | 800EP-PLM7D0 | 1 |
| Direct Wire | Colour | Cat. No. | PQ | Cat. No. | PQ |
| max. 250V | green | 800EP-PM3D0-BP | 10 | 800EP-PLM3D0-BP | 10 |
| max. 250V | red | 800EP-PM4D0-BP | 10 | 800EP-PLM4D0-BP | 10 |
| max. 250V | yellow | 800EP-PM5D0-BP | 10 | 800EP-PLM5D0-BP | 10 |
| max. 250V | blue | 800EP-PM6D0-BP | 10 | 800EP-PLM6D0-BP | 10 |
| max. 250V | transparent | 800EP-PM7D0-BP | 10 | 800EP-PLM7D0-BP | 10 |

Pilot Lights (Plastic Operator)

- Please order incandescent lamp or LED separately



| Lamp Element | Colour | Standard | |
|------------------|-------------|--------------|----|
| | | Cat. No. | PQ |
| max. 250 V | green | 800EP-P33DL0 | 1 |
| 240 VAC ⓘ | green | 800EP-P33RL7 | 1 |
| max. 250 V | red | 800EP-P43DL0 | 1 |
| 240 VAC ⓘ | red | 800EP-P43RL7 | 1 |
| max. 250 V | yellow | 800EP-P53DL0 | 1 |
| 240 VAC ⓘ | yellow | 800EP-P53RL7 | 1 |
| max. 250 V | blue | 800EP-P63DL0 | 1 |
| 240 VAC ⓘ | blue | 800EP-P63RL7 | 1 |
| max. 250 V | transparent | 800EP-P73DL0 | 1 |
| 240 VAC ⓘ | transparent | 800EP-P73RL7 | 1 |

| Lamp Element | Colour | Text | Standard Legend Text | |
|--------------|--------|----------|----------------------|----|
| | | | Cat. No. | PQ |
| max. 250 V | green | RUN | 800EP-P322B3DL0 | 1 |
| 240 VAC | green | RUN | 800EP-P322B3RL7 | 1 |
| max. 250 V | red | TRIP | 800EP-P425B3DL0 | 1 |
| 240 VAC | red | TRIP | 800EP-P425B3RL7 | 1 |
| max. 250 V | yellow | POWER ON | 800EP-P526B3DL0 | 1 |
| max. 250 V | yellow | POWER ON | 800EP-P526B3RL22 | 1 |

ⓘ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82

Contact Blocks - Page 11-73

Specifications - Page 11-116

Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators (Plastic Operator)



| Contact Block | Switch Angles | Colour | Maintained | | | |
|---------------|---------------|--------|--------------------------|----|------------------------|----|
| | | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ |
| | | black | 800EP-SN223LX10 | 1 | 800ES-SN223LX10 | 1 |
| | | black | 800EP-SM223LX10 | 1 | 800ES-SM223LX10 | 1 |
| | | black | — | | 800ES-SM223LX11 | 1 |
| | | black | 800EP-SM323LX20 | 1 | 800ES-SM323LX20 | 1 |
| | | black | — | | 800ES-SL323LX20 | 1 |

Function table for non-illuminated selector switch operators, 2 positions see page 11-28.
 Function table for non-illuminated selector switch operators, 3 positions see page 11-30.

Key Operated Selector Switch Operators “Ronis 455” (Plastic Operator)



| Contact Block | Switch Angles | Colour | Control Knob Position | Ronis 455 Lock | |
|---------------|---------------|--------|-----------------------|--------------------------|----|
| | | | | Black Plastic Front Ring | |
| | | | | Cat. No. | PQ |
| | | black | | 800EP-KN2R1R3LX10 | 1 |
| | | black | | 800EP-KM3R4R3LX20 | 1 |

Function table for non-illuminated selector switch operators, 2 positions see page 11-28.
 Function table for non-illuminated selector switch operators, 3 positions see page 11-30.
 Key operated selector switch operators IP66, NEMA Type 4/13.

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-78
 Dimensions - Page 11-120

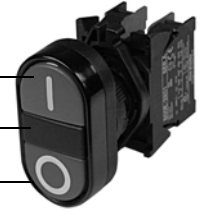
Control and Indicating Devices

Product Selection: Complete Devices - Round

Non-Illuminated Multi-Function Operators (Plastic Operators)

Position

C
B
A



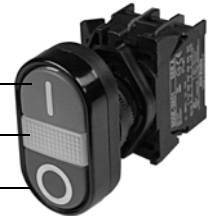
| Position C | | | Position B | | | Position A | | | Non-Illuminated Black Front Ring | |
|------------|-------|------|------------|--------------|------|------------|--------------|------|-------------------------------------|----|
| Contact | Cap | Text | Contact | Cap | Text | Contact | Cap | Text | Cat. No. | PQ |
| | green | | Blank cap | | | | red | O | 800EP-U2B213LX11 | 1 |
| | green | | Blank cap | | | | red raised | O | 800EP-U2C213LX11 | 1 |
| | green | | | red raised | O | | green | | 800EP-U3A113LX21 | 1 |
| | white | | Blank cap | | | | black | O | 800EP-U2E213LX11 | 1 |
| | white | | Blank cap | | | | black raised | O | 800EP-U2F213LX11 | 1 |
| | white | | | black raised | O | | black | | 800EP-U3D113LX21 | 1 |

Illuminated Multi-Function Operators (Plastic Operators)

- Please order incandescent lamp or LED separately

Position

C
B
A



| Position C | | | Position B | | | Position A | | | Illuminated Black Front Ring | |
|------------|-------|------|----------------------------------|-----------------|--|------------|--------------|------|---------------------------------|----|
| Contact | Cap | Text | Lamp Element - Supply Voltage | | | Contact | Cap | Text | Cat. No. | PQ |
| | green | | | max. 250 V, 2 W | | | red | O | 800EP-LU2B213DL0X11 | 1 |
| | green | | | 240 VAC ① | | | red | O | 800EP-LU2B213RL7X11 | 1 |
| | green | | | max. 250 V, 2 W | | | red raised | O | 800EP-LU2C213DL0X11 | 1 |
| | white | | | max. 250 V, 2 W | | | black | O | 800EP-LU2E213DL0X11 | 1 |
| | white | | | 240 VAC ① | | | black | O | 800EP-LU2E213RL7X11 | 1 |
| | white | | | max. 250 V, 2 W | | | black raised | O | 800EP-LU2F213DL0X11 | 1 |

Multifunction operators with sealing cap IP66, Cat. No. see Accessories 11-78, without sealing cap IP40.

- ① The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Incandescent lamp is included. Usage with LEDs possible




PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Legend Plates - Page 11-101
 Specifications - Page 11-116
 Dimensions - Page 11-120

EMERGENCY STOP Operators




Mushroom Ø 30 mm



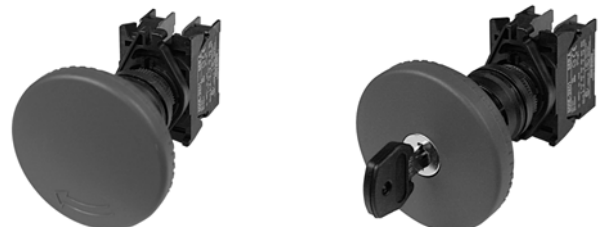
| Contact Block | Colour | Twist to Release | | | Key Release (Ronis 455) | | |
|---|--------|------------------|----|---|-------------------------|----|---|
| | | Cat. No. | PQ | | Cat. No. | PQ | |
| No contacts (only operator with mounting ring nut) | red | 800EP-MTS34 | 1 | ◆ | 800EP-MKR34R | 1 | ◆ |
|  | red | 800EP-MTS343LX01 | 1 | ◆ | 800EP-MKR34R3LX01 | 1 | ◆ |
|  | red | 800EP-MTS343LX11 | 1 | ◆ | 800EP-MKR34R3LX11 | 1 | ◆ |
|  | red | 800EP-MTS343LX02 | 1 | ◆ | 800EP-MKR34R3LX02 | 1 | ◆ |




Mushroom Ø 40 mm



| Contact Block | Colour | Twist to Release | | | Key Release (Ronis 455) | | |
|---|--------|------------------|----|---|-------------------------|----|---|
| | | Cat. No. | PQ | | Cat. No. | PQ | |
| No contacts (only operator with mounting ring nut) | red | 800EP-MTS44 | 1 | ◆ | 800EP-MKR44R | 1 | ◆ |
|  | red | 800EP-MTS443LX01 | 1 | ◆ | 800EP-MKR44R3LX01 | 1 | ◆ |
|  | red | 800EP-MTS443LX11 | 1 | ◆ | 800EP-MKR44R3LX11 | 1 | ◆ |
|  | red | 800EP-MTS443LX02 | 1 | ◆ | 800EP-MKR44R3LX02 | 1 | ◆ |

Mushroom Ø 60 mm



| Contact Block | Colour | Twist to Release | | | Key Release (Ronis 455) | | |
|---|--------|------------------|----|---|-------------------------|----|---|
| | | Cat. No. | PQ | | Cat. No. | PQ | |
| No contacts (only operator with mounting ring nut) | red | 800EP-MTS64 | 1 | ◆ | 800EP-MKR64R | 1 | ◆ |
|  | red | 800EP-MTS643LX01 | 1 | ◆ | 800EP-MKR64R3LX01 | 1 | ◆ |
|  | red | 800EP-MTS643LX11 | 1 | ◆ | 800EP-MKR64R3LX11 | 1 | ◆ |
|  | red | 800EP-MTS643LX02 | 1 | ◆ | 800EP-MKR64R3LX02 | 1 | ◆ |

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|---|------------------|
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: Shiny metal front ring, 800EM- ... instead of 800EP- ... | 800EM-MTS34 |

EMERGENCY STOP with lock release Ronis 3825 or Zadi on request.

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Complete Devices - Round

EMERGENCY STOP Operators in Enclosure for Base Mounting

In Yellow Enclosure for Base Mounting

Mushroom Ø 40 mm

Metric Screw-down



| Contact Block | Colour | Twist to Release | | Key Release (Ronis 455) | |
|---------------|--------|------------------|----|-------------------------|----|
| | | Cat. No. | PQ | Cat. No. | PQ |
| | red | 800E-1PYM5A1 | 1 | 800E-1PYM6RA1 | 1 |
| | red | 800E-1PYM5A2 | 1 | 800E-1PYM6RA2 | 1 |
| | red | 800E-1PYM5A3 | 1 | 800E-1PYM6RA3 | 1 |

In Yellow Enclosure for Base Mounting

Mushroom Ø 40 mm

Metric Screw-down



| Contact Block | Colour | Twist to Release | | Key Release (Ronis 455) | |
|---------------|--------|------------------|----|-------------------------|----|
| | | Cat. No. | PQ | Cat. No. | PQ |
| | red | 800E-1MYM5A1 | 1 | 800E-1MYM6RA1 | 1 |
| | red | 800E-1MYM5A2 | 1 | 800E-1MYM6RA2 | 1 |
| | red | 800E-1MYM5A3 | 1 | 800E-1MYM6RA3 | 1 |

Enclosure design with Ronis 3825 or Zadi lock on request.

11

Self Monitoring™ Contact Blocks




| Contact Block | Plastic 3XLatch w/SMCB | |
|------------------------------|------------------------|----|
| | Cat. No. | PQ |
| 2 interlocked contact blocks | 800E-3LX01S | 1 |

PQ = Package Quantity

- Contact Blocks - Page 11-73
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

Potentiometer with Resistor Element

- Protection class IP65 NEMA 4/4X, 13
- For assembly by the user
- Graduation 0...10, 300° or  (double-sided printed)
- For potentiometers: 6...6.4 mm shaft diameter
22.5...50 mm shaft length



Cat. No. 800EP-POT1
 Potentiometer

Complete Potentiometer

| Potentiometer | | |
|--|------------|----|
| Resistor Element | Cat. No. | PQ |
| Front element without resistor element | 800EP-POT | 1 |
| 150 Ω | 800EP-POT1 | |
| 500 Ω | 800EP-POT2 | |
| 1 000 Ω | 800EP-POT3 | |
| 2 500 Ω | 800EP-POT4 | |
| 5 000 Ω | 800EP-POT5 | |
| 10 000 Ω | 800EP-POT6 | |

Specifications for Resistor Elements

| | |
|--------------------------|--|
| Operating Voltage | 300 VAC or 100 VDC max. |
| Power | 2 W max. 0.2 A |
| Temperature [°C] | -25 ... 55 Operating temperature below 0 °C only possible, if there is no humidity |
| Approval | UL listed, CSA, CE |

Use potentiometer front element only with potentiometer Type J.

PQ = Package Quantity

Legend Plates - Page 11-101
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Front Elements - Round

Non-Illuminated Momentary Push Buttons, Maintained



| Colour | Flush | | | | | | Raised | | | | | | With Raised Front Ring | | | | | |
|--------|--------------------------|----|---|------------------------|----|---|--------------------------|----|---|------------------------|----|---|--------------------------|----|---|------------------------|----|---|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| white | 800EP-F1 | ☆ | ◆ | 800ES-F1 | ☆ | ◆ | 800EP-E1 | ☆ | ◆ | 800ES-E1 | ☆ | ◆ | 800EP-G1 | ☆ | ◆ | 800ES-G1 | ☆ | ◆ |
| black | 800EP-F2 | ☆ | ◆ | 800ES-F2 | ☆ | ◆ | 800EP-E2 | ☆ | ◆ | 800ES-E2 | ☆ | ◆ | 800EP-G2 | ☆ | ◆ | 800ES-G2 | ☆ | ◆ |
| green | 800EP-F3 | ☆ | ◆ | 800ES-F3 | ☆ | ◆ | 800EP-E3 | ☆ | ◆ | 800ES-E3 | ☆ | ◆ | 800EP-G3 | ☆ | ◆ | 800ES-G3 | ☆ | ◆ |
| red | 800EP-F4 | ☆ | ◆ | 800ES-F4 | ☆ | ◆ | 800EP-E4 | ☆ | ◆ | 800ES-E4 | ☆ | ◆ | 800EP-G4 | ☆ | ◆ | 800ES-G4 | ☆ | ◆ |
| yellow | 800EP-F5 | ☆ | ◆ | 800ES-F5 | ☆ | ◆ | 800EP-E5 | ☆ | ◆ | 800ES-E5 | ☆ | ◆ | 800EP-G5 | ☆ | ◆ | 800ES-G5 | ☆ | ◆ |
| blue | 800EP-F6 | ☆ | ◆ | 800ES-F6 | ☆ | ◆ | 800EP-E6 | ☆ | ◆ | 800ES-E6 | ☆ | ◆ | 800EP-G6 | ☆ | ◆ | 800ES-G6 | ☆ | ◆ |
| no cap | 800EP-F9 | ☆ | ◆ | 800ES-F9 | ☆ | ◆ | 800EP-E9 | | | 800ES-E9 | | | 800EP-G9 | ☆ | ◆ | 800ES-G9 | ☆ | ◆ |

Non-Illuminated Momentary Push Buttons with Legend Text



| Colour | Text | Flush, with Legend Text | | | | | | Raised, with Legend Text | | | | | |
|--------|-------|--------------------------|----|---|------------------------|----|---|--------------------------|----|---|------------------------|----|---|
| | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | |
| | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| green | | 800EP-F306W | ☆ | ◆ | 800ES-F306W | ☆ | ◆ | — | | | — | | |
| white | | 800EP-F106B | | | 800ES-F106B | | | — | | | — | | |
| red | O | 800EP-F405W | ☆ | ◆ | 800ES-F405W | ☆ | ◆ | 800EP-E405W | 1 | ◆ | 800ES-E405W | 1 | ◆ |
| black | O | 800EP-F205W | | | 800ES-F205W | | | — | | | — | | |
| green | START | 800EP-F301W | ☆ | ◆ | 800ES-F301W | ☆ | ◆ | — | | | — | | |
| white | START | 800EP-F101B | | | 800ES-F101B | | | — | | | — | | |
| red | STOP | 800EP-F402W | ☆ | ◆ | 800ES-F402W | ☆ | ◆ | 800EP-E402W | 1 | ◆ | 800ES-E402W | 1 | ◆ |
| black | STOP | 800EP-F202W | | | 800ES-F202W | | | — | | | — | | |
| green | ON | 800EP-F303W | 1 | ◆ | 800ES-F303W | 1 | ◆ | — | | | — | | |
| white | ON | 800EP-F103B | | | 800ES-F103B | | | — | | | — | | |
| red | OFF | 800EP-F404W | 1 | ◆ | 800ES-F404W | 1 | ◆ | 800EP-E404W | 1 | ◆ | 800ES-E404W | 1 | ◆ |
| black | OFF | 800EP-F204W | | | 800ES-F204W | | | — | | | — | | |
| white | Æ | 800EP-F108B | 1 | ◆ | 800ES-F108B | 1 | ◆ | — | | | — | | |
| black | Æ | 800EP-F208W | | | 800ES-F208W | | | — | | | — | | |

PQ = Package Quantity

Colour Caps - Page 11-85

Accessories - Page 11-78

Specifications - Page 11-116

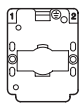
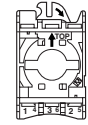
Dimensions - Page 11-120

Non-Illuminated Momentary Push Buttons, Maintained

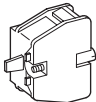
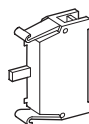






| Colour | Flush | | | |
|--------|--------------------------|-----|------------------------|-----|
| | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | Cat. No. | PQ | Cat. No. | PQ |
| white | 800EP-FA1 | ☆ ◆ | 800ES-FA1 | ☆ ◆ |
| black | 800EP-FA2 | ☆ ◆ | 800ES-FA2 | ☆ ◆ |
| green | 800EP-FA3 | ☆ ◆ | 800ES-FA3 | ☆ ◆ |
| red | 800EP-FA4 | ☆ ◆ | 800ES-FA4 | ☆ ◆ |
| yellow | 800EP-FA5 | ☆ ◆ | 800ES-FA5 | ☆ ◆ |
| blue | 800EP-FA6 | ☆ ◆ | 800ES-FA6 | ☆ ◆ |
| no cap | 800EP-FA9 | ☆ ◆ | 800ES-FA9 | ☆ ◆ |

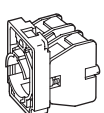
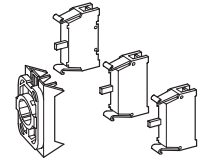








Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|  |  | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|---|---|----------|---|------------|---|------------|---|
|  |  | Standard |  | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | |  | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | |   | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | |   | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | |   | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

| Options | Cat. No. Suffix | Description | Ordering Example |
|---|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≙ Single package (1 piece standard delivery) | 800EP-F1 |
| | -BP | ≙ Package of 10 pieces | 800EP-F1-BP |
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-F1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

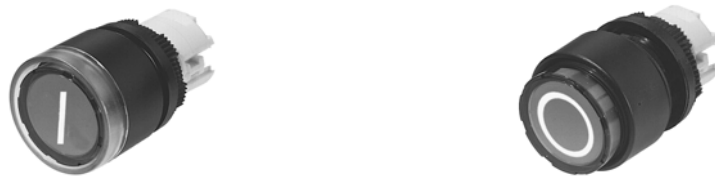
Product Selection: Front Elements - Round

Illuminated Momentary Push Buttons



| Colour | Flush | | | | | | Raised | | | | | | With Raised Front Ring | | |
|-------------|--------------------------|----|---|------------------------|----|---|--------------------------|----|---|------------------------|----|---|------------------------|----|---|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| green | 800EP-LF3 | ★ | ◆ | 800ES-LF3 | ★ | ◆ | 800EP-LE3 | ★ | ◆ | 800ES-LE3 | ★ | ◆ | 800ES-LG3 | ★ | ◆ |
| red | 800EP-LF4 | ★ | ◆ | 800ES-LF4 | ★ | ◆ | 800EP-LE4 | ★ | ◆ | 800ES-LE4 | ★ | ◆ | 800ES-LG4 | ★ | ◆ |
| yellow | 800EP-LF5 | ★ | ◆ | 800ES-LF5 | ★ | ◆ | 800EP-LE5 | ★ | ◆ | 800ES-LE5 | ★ | ◆ | 800ES-LG5 | ★ | ◆ |
| blue | 800EP-LF6 | ★ | ◆ | 800ES-LF6 | ★ | ◆ | 800EP-LE6 | ★ | ◆ | 800ES-LE6 | ★ | ◆ | 800ES-LG6 | ★ | ◆ |
| transparent | 800EP-LF7 | ★ | ◆ | 800ES-LF7 | ★ | ◆ | 800EP-LE7 | ★ | ◆ | 800ES-LE7 | ★ | ◆ | 800ES-LG7 | ★ | ◆ |
| No cap | 800EP-LF9 | ★ | ◆ | 800ES-LF9 | ★ | ◆ | 800EP-LE9 | ★ | ◆ | 800ES-LE9 | ★ | ◆ | 800ES-LG9 | ★ | ◆ |

Illuminated Momentary Push Buttons, with Legend Text



| Colour | Text | Flush, with Legend Text | | | | | | Raised, with Legend Text | | | | | |
|--------|-------|--------------------------|----|---|------------------------|----|---|--------------------------|----|---|------------------------|----|---|
| | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Black Plastic Front Ring | | | Shiny Metal Front Ring | | |
| | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| green | | 800EP-LF306B | | ◆ | 800ES-LF306B | | ◆ | — | | ◆ | — | | ◆ |
| red | O | 800EP-LF405B | | ◆ | 800ES-LF405B | | ◆ | 800EP-LE405B | | ◆ | 800ES-LE405B | | ◆ |
| green | START | 800EP-LF301B | | ◆ | 800ES-LF301B | | ◆ | — | | ◆ | — | | ◆ |
| red | STOP | 800EP-LF402B | 1 | ◆ | 800ES-LF402B | 1 | ◆ | 800EP-LE402B | 1 | ◆ | 800ES-LE402B | 1 | ◆ |
| green | ON | 800EP-LF303B | | ◆ | 800ES-LF303B | | ◆ | — | | ◆ | — | | ◆ |
| red | OFF | 800EP-LF404B | | ◆ | 800ES-LF404B | | ◆ | 800EP-LE404B | | ◆ | 800ES-LE404B | | ◆ |

Additional diffuser caps with legend text and symbols see pages 11-85...11-90.

B = Black texts and symbols.

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82

Colour Caps - Page 11-85

Accessories - Page 11-78

Dimensions - Page 11-120

Illuminated Momentary Push Buttons, Maintained



| Colour | Flush | | | |
|-------------|--------------------------|-----|------------------------|-----|
| | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | Cat. No. | PQ | Cat. No. | PQ |
| green | 800EP-LFA3 | ☆ ◆ | 800ES-LFA3 | ☆ ◆ |
| red | 800EP-LFA4 | ☆ ◆ | 800ES-LFA4 | ☆ ◆ |
| yellow | 800EP-LFA5 | ☆ ◆ | 800ES-LFA5 | ☆ ◆ |
| blue | 800EP-LFA6 | ☆ ◆ | 800ES-LFA6 | ☆ ◆ |
| transparent | 800EP-LFA7 | ☆ ◆ | 800ES-LFA7 | ☆ ◆ |
| No cap | 800EP-LFA9 | ☆ ◆ | 800ES-LFA9 | ☆ ◆ |

Additional diffuser caps with legend text and symbols see pages 11-85...11-89.
 B = Black texts and symbols.

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|------------------------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| (N.O./N.C. max. 5) | (N.O./N.C. max. 4) | ① Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | ② 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|--|------------------------------|--|--------------|---|
| | ① Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | 800E-3DL0X01 | 1 |
| | | | 800E-3DL0X11 | 1 |
| | | | 800E-3DL0X20 | 1 |
| | | | | |

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamps or LEDs separately
- ② The lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included
Usage with LEDs not possible

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-LF3 |
| | -BP | ⊆ Package of 10 pieces | 800EP-LF3-BP |
| ◆ Metal Operator - with shiny metal front ring | | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: | |
| | 800EM- ... | Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-LF3 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116

Non-Illuminated Momentary Mushroom Operators



| Colour | Momentary ø 40 mm (Plastic Colour Cap) | | | | | | Momentary ø 40 mm (Metal Colour Cap) | | |
|--------|--|----|---|------------------------|----|---|--------------------------------------|----|---|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| white | 800EP-M1 | 1 | ◆ | 800ES-M1 | 1 | ◆ | — | | |
| black | 800EP-M2 | | ◆ | 800ES-M2 | | ◆ | 800ES-MM2 | 1 | ◆ |
| green | 800EP-M3 | | ◆ | 800ES-M3 | | ◆ | 800ES-MM3 | | ◆ |
| red | 800EP-M4 | | ◆ | 800ES-M4 | | ◆ | 800ES-MM4 | | ◆ |

| Colour | Momentary ø 60 mm (Plastic Colour Cap) | | | | | |
|--------|--|----|---|------------------------|----|---|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | |
| white | 800EP-MJ1 | 1 | ◆ | 800ES-MJ1 | 1 | ◆ |
| black | 800EP-MJ2 | | ◆ | 800ES-MJ2 | | ◆ |
| green | 800EP-MJ3 | | ◆ | 800ES-MJ3 | | ◆ |
| red | 800EP-MJ4 | | ◆ | 800ES-MJ4 | | ◆ |
| yellow | 800EP-MJ5 | | ◆ | 800ES-MJ5 | | ◆ |
| blue | 800EP-MJ6 | | ◆ | 800ES-MJ6 | | ◆ |

Non-Illuminated Momentary Mushroom Operators, 2 Positions



| Colour | Push-pull/twist ø 40 mm | | | | | | Push-pull ø 40 mm (Plastic Colour Cap) | | |
|--------|--------------------------|----|---|------------------------|----|---|--|----|---|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No.. | PQ | |
| white | 800EP-MT1 | 1 | ◆ | 800ES-MT1 | 1 | ◆ | — | | |
| black | 800EP-MT2 | | ◆ | 800ES-MT2 | | ◆ | 800ES-MP22 | 1 | ◆ |
| green | 800EP-MT3 | | ◆ | 800ES-MT3 | | ◆ | 800ES-MP23 | | ◆ |
| red | 800EP-MT4 | | ◆ | 800ES-MT4 | | ◆ | 800ES-MP24 | | ◆ |

| Colour | Push-pull/twist ø 60 mm | | | | | | Push-pull ø 60 mm | | |
|--------|--------------------------|----|---|------------------------|----|---|------------------------|----|--|
| | Black Plastic Front Ring | | | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | | Cat. No. | PQ | |
| black | 800EP-MJT2 | 1 | ◆ | 800ES-MJT2 | 1 | ◆ | 800ES-MJP22 | 1 | |
| green | 800EP-MJT3 | | ◆ | 800ES-MJT3 | | ◆ | 800ES-MJP23 | | |
| red | 800EP-MJT4 | | ◆ | 800ES-MJT4 | | ◆ | 800ES-MJP24 | | |

PQ = Package Quantity

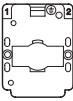
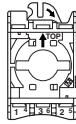
Contact Blocks - Page 11-73

Accessories - Page 11-78

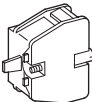
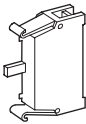




Specifications - Page 11-116

Dimensions - Page 11-120

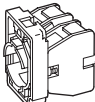
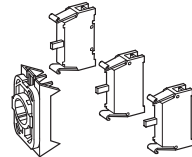








Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|  |  | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|---|---|----------|---|------------|---|------------|---|
|  |  | Standard |  | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | |  | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | |   | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | |   | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | |   | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|--|------------------|
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-M1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120




Control and Indicating Devices

Product Selection: Front Elements - Round

Non-Illuminated Momentary Mushroom Operators, 3 Positions



Function Table with Position Front Element

| Contact |  Top |  Middle |  Bottom |
|----------|--|---|---|
| N.O. | O | O | X |
| N.C. | X | O | O |
| N.O.E.M. | O | X | X |
| N.C.L.B. | X | X | O |

N.O.E.M. = early make / N.C.L.B. = late break

X = closed / O = open

| Colour | Push-pull ø 40 mm (Plastic Colour Cap) (Mom. Out - Maint. Center - Mom. In) | | | Push-pull ø 40 mm (Plastic Colour Cap) (Mom. Out - Maint. Center- Maint. In) | | |
|--------|--|----|--------|---|----|--|
| | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | |
| black | 800ES-MP3R2 | 1 | ◆ ◆ | 800ES-MP3S2 ① | 1 | |
| green | 800ES-MP3R3 | | | 800ES-MP3S3 ① | | |
| red | 800ES-MP3R4 | | | 800ES-MP3S4 ① | | |

| Colour | Push-pull ø 60 mm (Mom. Out - Maint. Center - Mom. In) | | | Push-pull ø 60 mm (Mom. Out - Maint. Center- Maint. In) | | |
|--------|---|----|--|--|----|--|
| | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | |
| black | 800ES-MJP3R2 ① | 1 | | 800ES-MJP3S2 ① | 1 | |
| green | 800ES-MJP3R3 ① | | | 800ES-MJP3S3 ① | | |
| red | 800ES-MJP3R4 ① | | | 800ES-MJP3S4 ① | | |

① Availability on request

Non-Illuminated Momentary Mushroom Operators, with Key Lock "Illinois", 2 Positions Maintained Release with Key Switch

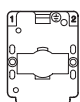
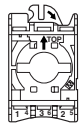


| Colour | ø 40 mm. With Key Lock "Illinois" | | | | ø 60 mm, With Key Lock "Illinois" | | | |
|--------|--|----|--|----|--|----|--|----|
| | Plastic Operator Black Plastic Front Ring | | Metal Operator Shiny Metal Front Ring | | Plastic Operator Black Plastic Front Ring | | Metal Operator Shiny Metal Front Ring | |
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| black | 800EP-MK2 | 1 | 800EM-MK2 | 1 | 800EP-MJK2 | 1 | 800EM-MJK2 | 1 |
| green | 800EP-MK3 | | 800EM-MK3 | | 800EP-MJK3 | | 800EM-MJK3 | |
| red | 800EP-MK4 | | 800EM-MK4 | | 800EP-MJK4 | | 800EM-MJK4 | |
| yellow | 800EP-MK5 | | 800EM-MK5 | | 800EP-MJK5 | | 800EM-MJK5 | |
| blue | 800EP-MK6 | | 800EM-MK6 | | 800EP-MJK6 | | 800EM-MJK6 | |

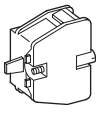
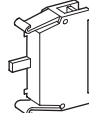




PQ = Package Quantity

Contact Blocks - Page 11-73
Accessories - Page 11-78
Specifications - Page 11-116
Dimensions - Page 11-120

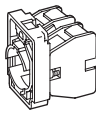
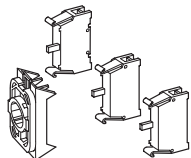








Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|  |  | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|---|---|----------|---|------------|---|------------|---|
|  |  | Standard |  | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | |  | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | |   | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | |   | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | |   | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|--|------------------|
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-MP3R2 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Front Elements - Round

Illuminated Momentary Mushroom Operators



| Colour | Momentary, ø 40 mm | | | Momentary, ø 60 mm | | |
|--------|------------------------|----|---|------------------------|----|---|
| | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | |
| green | 800ES-LM3 | 1 | ◆ | 800ES-LMJ3 | 1 | ◆ |
| red | 800ES-LM4 | | ◆ | 800ES-LMJ4 | | ◆ |
| yellow | 800ES-LM5 | | ◆ | 800ES-LMJ5 | | ◆ |
| blue | 800ES-LM6 | | ◆ | 800ES-LMJ6 | | ◆ |

Illuminated Momentary Mushroom Operators, 2 Positions Maintained



| Colour | Push-pull ø 40 mm | | | Push-pull ø 60 mm | | |
|--------|------------------------|----|---|------------------------|----|---|
| | Shiny Metal Front Ring | | | Shiny Metal Front Ring | | |
| | Cat. No. | PQ | | Cat. No. | PQ | |
| green | 800ES-LMP23 | 1 | ◆ | 800ES-LMJ23 | 1 | ◆ |
| red | 800ES-LMP24 | | ◆ | 800ES-LMJ24 | | ◆ |
| yellow | 800ES-LMP25 | | ◆ | 800ES-LMJ25 | | ◆ |
| blue | 800ES-LMP26 | | ◆ | 800ES-LMJ26 | | ◆ |

PQ = Package Quantity

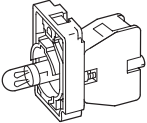
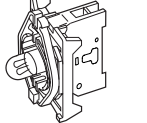
Incandescent Lights, LED - Page 11-82

Accessories - Page 11-78

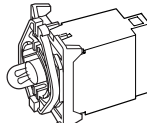
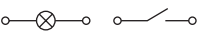
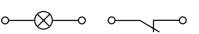
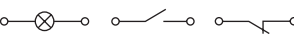
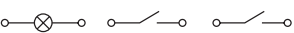
Specifications - Page 11-116

Dimensions - Page 11-120

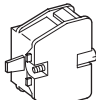
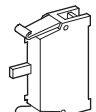




Lamp Elements and Latches

| Metal Latches for 2 Elements per Level (N.O./N.C. max. 5) | Plastic Latches for 3 Elements per Level (N.O./N.C. max. 4) | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|------------------------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|  |  | ❶ Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | ❷ 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|---|------------------------------|--|--------------|---|
|  | ❶ Lamp element max. 250 V |  | 800E-3DL0X10 | 1 |
| | |  | 800E-3DL0X01 | 1 |
| | |  | 800E-3DL0X11 | 1 |
| | |  | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ❶ Please order incandescent lamps or LEDs separately
- ❷ Lamp must correspond to the mains voltage
- ❸ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs possible

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|---|------------------|
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-LMP23 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Incandescent Lights, LED - Page 11-82
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Front Elements - Round

Pilot Lights

- Please order incandescent lamp or LED separately



Attention: Additional diffuser with legend texts and symbols see pages 11-85...11-90

| Colour | Standard, Flush (incl. blank diffuser) | | | Optically Enhanced (diffuser not possible) | | |
|-------------|---|----|---|---|----|---|
| | Cat. No. | PQ | | Cat. No. | PQ | |
| green | 800EP-P3 | ☆ | ◆ | 800EP-PL3 | ☆ | ◆ |
| red | 800EP-P4 | ☆ | ◆ | 800EP-PL4 | ☆ | ◆ |
| yellow | 800EP-P5 | ☆ | ◆ | 800EP-PL5 | ☆ | ◆ |
| blue | 800EP-P6 | ☆ | ◆ | 800EP-PL6 | ☆ | ◆ |
| transparent | 800EP-P7 | ☆ | ◆ | 800EP-PL7 | ☆ | ◆ |

eco-Pilot Lights

- Please order incandescent lamp or LED separately

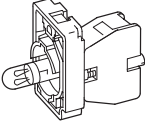
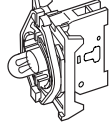


| Direct Wire | Colour | Standard | | Optically Enhanced | | |
|-------------|------------|-------------|-------------|--------------------|--------------|---|
| | | Cat. No. | PQ | Cat. No. | PQ | |
| ○—⊗—○ | max. 250 V | green | 800EP-PM3D0 | ☆ | 800EP-PLM3D0 | ☆ |
| ○—⊗—○ | max. 250 V | red | 800EP-PM4D0 | ☆ | 800EP-PLM4D0 | ☆ |
| ○—⊗—○ | max. 250 V | yellow | 800EP-PM5D0 | ☆ | 800EP-PLM5D0 | ☆ |
| ○—⊗—○ | max. 250 V | blue | 800EP-PM6D0 | ☆ | 800EP-PLM6D0 | ☆ |
| ○—⊗—○ | max. 250 V | transparent | 800EP-PM7D0 | ☆ | 800EP-PLM7D0 | ☆ |

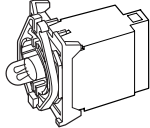

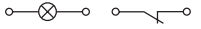
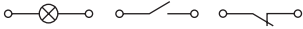
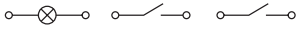
PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

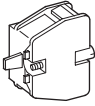
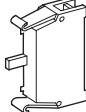




Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | | |
|---|---|---|---|---|-----------|---|-----------|---|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ | |
| (N.O./N.C. max. 5) | (N.O./N.C. max. 4) |  |  | ❶ Lamp element max. 250 V | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | | | ❷ 240 VAC | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|---|-----------------------------------|--|--------------|---|
|  | ❶ Lamp element max. 250 V ❷ |  | 800E-3DL0X10 | 1 |
| | |  | 800E-3DL0X01 | 1 |
| | |  | 800E-3DL0X11 | 1 |
| | |  | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ❶ Please order incandescent lamps or LEDs separately
- ❷ Lamp must correspond to the mains voltage
- ❸ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

| Options | Cat. No. Suffix | Description | Ordering Example |
|--|-----------------|---|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-P3 |
| | -BP | ⊆ Package of 10 pieces | 800EP-P3-BP |
| ◆ Metal Operator - with shiny metal front ring | 800EM- ... | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: | 800EM-P3 |
| | | Shiny metal front ring, 800EM- ... instead of 800ES- ... | |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Incandescent Lights, LED - Page 11-82
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 2 Positions

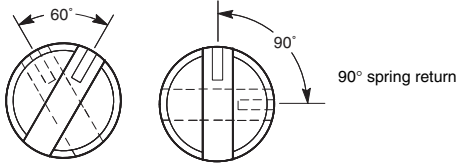


Standard Knob



Lever

Switch Angles



Function Table with Position Front Element ① (60° Switch Angles)

| Contact | | |
|---------|---|---|
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | Standard Knob | | | | Lever | | | |
|-------------------------------|--|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| black knob with white text | M M | 800EP-SM22 | ☆ | 800ES-SM22 | ☆ | 800EP-HM22 | ☆ | 800ES-HM22 | ☆ |
| | M←S | 800EP-SR22 | ☆ | 800ES-SR22 | ☆ | 800EP-HR22 | ☆ | 800ES-HR22 | ☆ |
| | S→M ① | 800EP-SL22 | ☆ | 800ES-SL22 | ☆ | 800EP-HL22 | ☆ | 800ES-HL22 | ☆ |

① Function table for momentary left is reverse mirror-image to the shown table above

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|--|--|----------|--|------------|---|------------|---|
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 2 Positions

800- **EP** - **S** **M2** **2**
 a *b* *c* *d*





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard knob |
| H | Lever |

c

| Operator Function | | |
|-------------------|--|---|
| Code | Description | |
| M2 | Maintained (Switch angle 60°) |  |
| N2 | Maintained (Switch angle 90°) ❶ |  |
| L2 | Spring return from left, (Switch angle 60°) |  |
| R2 | Spring return from right, (Switch angle 60°) |  |

d

| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 8 | grey | white |

❶ 30 mm mounting distance is not possible with lever design. Mounting distance see also page 11-120

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-SM22 |
| | -BP | ⊆ Package of 10 pieces | 800EP-SM22-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 3 Positions

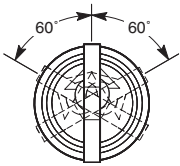


Standard Knob



Lever

Switch Angles



| Standard Function Table (without Option e) for Front Element (Switch Angle 60°) | | | | |
|---|-------------------|---|---|---|
| Contact | Position on Latch | | | |
| N.O. | left | X | O | O |
| N.O. | right | O | O | X |
| N.C. | left | O | X | X |
| N.C. | right | X | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | Standard Knob | | | | Lever | | | |
|-------------------------------|--|-----|---|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| Black knob with white text | M | M | M | 800EP-SM32 | ☆ | 800ES-SM32 | ☆ | 800EP-HM32 | ☆ | 800ES-HM32 | ☆ |
| | M | M←S | | 800EP-SR32 | ☆ | 800ES-SR32 | ☆ | 800EP-HR32 | ☆ | 800ES-HR32 | ☆ |
| | S→M | M | | 800EP-SL32 | ☆ | 800ES-SL32 | ☆ | 800EP-HL32 | ☆ | 800ES-HL32 | ☆ |
| | S→M←S | | | 800EP-SB32 | ☆ | 800ES-SB32 | ☆ | 800EP-HB32 | ☆ | 800ES-HB32 | ☆ |

Latches

| | | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|-------------|--|----------|------------|-----------|------------|-----------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| Low voltage | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | | 800E-2X10V | 10 | 800E-3X10V | 10 | |
| | | | 800E-2X01V | 10 | 800E-3X01V | 10 | |

Contact Blocks including Latches

| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|--|------------|----------|---------|----------|------------|----------|------------|
| | | Standard | | | 800E-2LX10 | 1 | 800E-3LX10 |
| | 800E-2LX01 | | | 1 | 800E-3LX01 | 1 | |
| | 800E-2LX11 | | | 1 | 800E-3LX11 | 1 | |
| | 800E-2LX20 | | | 1 | 800E-3LX20 | 1 | |
| | 800E-2LX02 | | | 1 | 800E-3LX02 | 1 | |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 3 Positions

800- **EP** - **S** **M3** **3**
a *b* *c* *d* *e*





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard Knob |
| H | Lever |




c

| Operator Function | |
|-------------------|--|
| Code | Description |
| M3 | Maintained  |
| L3 | Spring return from left  |
| R3 | Spring return from right  |
| B3 | Spring return from left and right  |

d

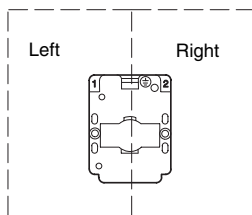
| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 8 | grey | white |

e

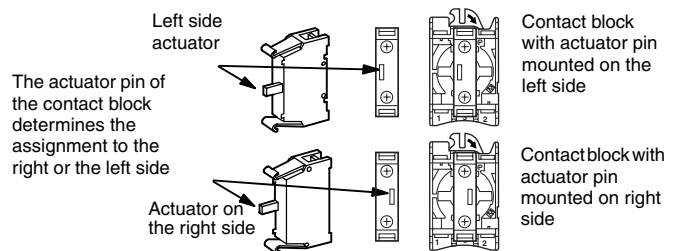
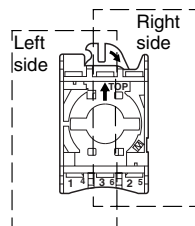
| Function Table with Option e (without Option e see page 11-30) | | | | |
|---|---|---|--|------------|
| Operator Position Viewed from the Front | | | C1 Position of the Contact Blocks Viewed from the Rear | |
|  |  |  | Left Side | Right Side |
| X | O | O | — | N.O. |
| O | X | O | N.C. or N.C. | |
| O | O | X | N.O. | — |
| X | X | O | N.C.L.B. | — |
| O | X | X | — | N.C.L.B. |
| X | O | X | N.O.E.M. or N.O.E.M. | |

Attention: X = closed / O = open

2- Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-SM31 |
| | -BP | ⊆ Package of 10 pieces | 800EP-SM31-BP |

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 4 Positions



Standard Knob



Lever

Switch Angles

Standard Function Table for Front Element (45° Switch Angles)

| Contact | Position on Latch | | | | |
|----------|-------------------|---|---|---|---|
| N.O. | Right | X | O | O | O |
| N.C. | Right | O | X | O | O |
| N.O. | Left | O | O | X | O |
| N.C. | Left | O | O | O | X |
| N.O.E.M. | Left | X | X | X | O |
| N.C.L.B. | Left | X | X | O | X |
| N.O.E.M. | Right | X | O | X | X |
| N.C.L.B. | Right | O | X | X | X |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | | Standard Knob | | | | Lever | | | |
|-------------------------------|--|-----|-----|---|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | | | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| Black knob with white text | M | M | M | M | 800EP-SM42 | ☆ | 800ES-SM42 | ☆ | 800EP-HM42 | ☆ | 800ES-HM42 | ☆ |
| | S→M | M | M | | 800EP-SL42 | ☆ | 800ES-SL42 | ☆ | 800EP-HL42 | ☆ | 800ES-HL42 | ☆ |
| | M | M | M←S | | 800EP-SR42 | ☆ | 800ES-SR42 | ☆ | 800EP-HR42 | ☆ | 800ES-HR42 | ☆ |
| | S→M | M←S | | | 800EP-SB42 | ☆ | 800ES-SB42 | ☆ | 800EP-HB42 | ☆ | 800ES-HB42 | ☆ |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|-------------|--|----------|------------|-----------|------------|-----------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| Low voltage | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | | 800E-2X10V | 10 | 800E-3X10V | 10 | |
| | | | 800E-2X01V | 10 | 800E-3X01V | 10 | |

Contact Blocks including Latches

| | | Standard | Contact | Cat. No. | PQ | Cat. No. | PQ |
|--|------------|----------|------------|------------|----|------------|----|
| | | | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | 800E-2LX01 | 1 | 800E-3LX01 | 1 | | | |
| | 800E-2LX11 | 1 | 800E-3LX11 | 1 | | | |
| | 800E-2LX20 | 1 | 800E-3LX20 | 1 | | | |
| | 800E-2LX02 | 1 | 800E-3LX02 | 1 | | | |

PQ = Package Quantity

- Contact Blocks - Page 11-73
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 4 Positions

800- **EP** - **S** **M4** **2**
 a *b* *c* *d*





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard knob |
| H | Lever |

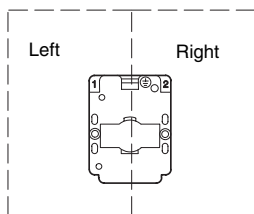
c

| Operator Function | |
|-------------------|--|
| Code | Description |
| M4 | Maintained  |
| L4 | Spring return from left  |
| R4 | Spring return from right  |
| B4 | Spring return from left and right  |

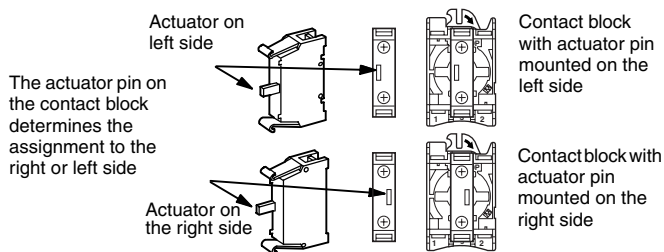
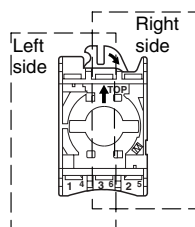
d

| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 8 | grey | white |

2-Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-SM41 |
| | -BP | ⊆ Package of 10 pieces | 800EP-SM41-BP |

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 2 Positions

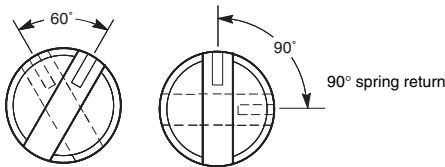


Standard Knob



Lever

Switch Angles



| Function Table with Position Front Element Φ (Switch Angle 60°) | | |
|--|---|---|
| Contact | | |
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | Standard Knob | | | | Lever | | | |
|-----------------------------|--|---|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | 800EP-LSM24 | ★ | 800ES-LSM24 | ★ | 800EP-LHM24 | ★ | 800ES-LHM24 | ★ |
| | M←S | | 800EP-LSR24 | ★ | 800ES-LSR24 | ★ | 800EP-LHR24 | ★ | 800ES-LHR24 | ★ |
| | S→M Φ | | 800EP-LSL24 | ★ | 800ES-LSL24 | ★ | 800EP-LHL24 | ★ | 800ES-LHL24 | ★ |

Φ Function table for momentary left is reverse mirror-image to the shown table above.

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|------------------------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | ① Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | ③ 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|--|------------------------------|--|--------------|---|
| | ① Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | 800E-3DL0X01 | 1 |
| | | | 800E-3DL0X11 | 1 |
| | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamps or LEDs separately
- ② Lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Contact Blocks - Page 11-73
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 2 Positions

800- **EP** – **LS** **M2** **1**
 a *b* *c* *d*





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard knob |
| LH | Lever |

c

| Operator Function | |
|-------------------|---|
| Code | Description |
| M2 | Maintained (Switch Angle 60°)  |
| N2 | Maintained (Switch Angle 90°)  |
| L2 | Spring return from left (Switch Angle 60°)  |
| R2 | Spring return from right (Switch Angle 60°)  |

d

| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

❶ 30 mm mounting distance is not possible with lever. Mounting distance see also page 11-120

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≅ Single package (1 piece standard delivery) | 800EP-LSM24 |
| | -BP | ≅ Package of 10 pieces | 800EP-LSM24-BP |

Illuminated Selector Switch Operators, 3 Positions

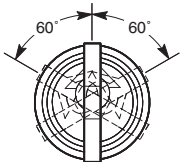


Standard Knob



Lever

Switch Angles



| Standard Function Table (without Option e) for Front Element (Switch Angles 60°) | | | | |
|--|-------------------|---|---|---|
| Contact | Position on Latch | | | |
| N.O. | Left | X | O | O |
| N.O. | Right | O | O | X |
| N.C. | Left | O | X | X |
| N.C. | Right | X | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | Standard Knob | | | | Lever | | | |
|-----------------------------|--|-----|---|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | M | 800EP-LSM34 | ☆ | 800ES-LSM34 | ☆ | 800EP-LHM34 | ☆ | 800ES-LHM34 | ☆ |
| | M | M←S | | 800EP-LSR34 | ☆ | 800ES-LSR34 | ☆ | 800EP-LHR34 | ☆ | 800ES-LHR34 | ☆ |
| | S→M | M | | 800EP-LSL34 | ☆ | 800ES-LSL34 | ☆ | 800EP-LHL34 | ☆ | 800ES-LHL34 | ☆ |
| | S→M←S | | | 800EP-LSB34 | ☆ | 800ES-LSB34 | ☆ | 800EP-LHB34 | ☆ | 800ES-LHB34 | ☆ |

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|----------------------------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| (N.O./N.C. max. 5) | (N.O./N.C. max. 4) | | Lamp element max. 250 V | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | | | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|--|----------------------------|--|--------------|---|
| | Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | 800E-3DL0X01 | 1 |
| | | | 800E-3DL0X11 | 1 |
| | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ❶ Please order incandescent lamps or LEDs separately
- ❷ Lamp must correspond to the mains voltage
- ❸ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Contact Blocks - Page 11-73
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 3 Positions

800- EP - LS M3 3
a b c d e





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard Knob |
| LH | Lever |




c

| Operator Function | |
|-------------------|--|
| Code | Description |
| M3 | Maintained  |
| L3 | Spring return from left  |
| R3 | Spring return from right  |
| B3 | Spring return from left and right  |

d

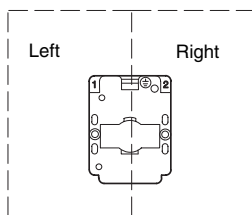
| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

e

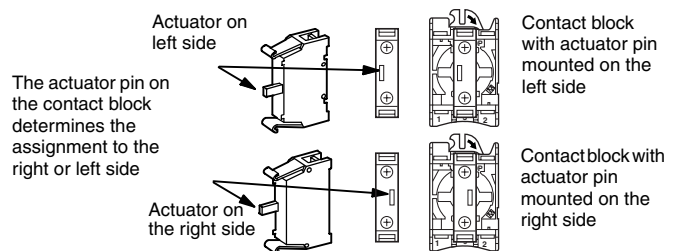
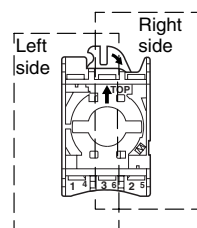
| Function Table with Option e (without Option e see page 11-36) | | | | |
|---|---|---|---|------------|
| Operator Position Viewed from the Front | | | C1 Position of the Contact Block Viewed from the Back | |
|  |  |  | Left Side | Right Side |
| X | O | O | — | N.O. |
| O | X | O | N.C. or N.C. | |
| O | O | X | N.O. | — |
| X | X | O | N.C.L.B. | — |
| O | X | X | — | N.C.L.B. |
| X | O | X | N.O.E.M. or N.O.E.M. | |

Attention: X = closed / O = open

2-Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-LSM34 |
| | -BP | ⊆ Package of 10 pieces | 800EP-LSM34-BP |

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 4 Positions



Standard Knob



Lever

Switch Angles

Standard Function Table for Front Element (Switch Angle 45°)

| Contact | Position on Latch | | | | |
|----------|-------------------|---|---|---|---|
| N.O. | Right | X | O | O | O |
| N.C. | Right | O | X | O | O |
| N.O. | Left | O | O | X | O |
| N.C. | Left | O | O | O | X |
| N.O.E.M. | Left | X | X | X | O |
| N.C.L.B. | Left | X | X | O | X |
| N.O.E.M. | Right | X | O | X | X |
| N.C.L.B. | Right | O | X | X | X |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | | Standard Knob | | | | Lever | | | |
|-----------------------------|--|-----|-----|---|--------------------|----|------------------|----|--------------------|----|------------------|----|
| | | | | | Plastic Front Ring | | Metal Front Ring | | Plastic Front Ring | | Metal Front Ring | |
| | | | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | M | M | 800EP-LSM44 | ☆ | 800ES-LSM44 | ☆ | 800EP-LHM44 | ☆ | 800ES-LHM44 | ☆ |
| | S→M | M | M | M | 800EP-LSL44 | ☆ | 800ES-LSL44 | ☆ | 800EP-LHL44 | ☆ | 800ES-LHL44 | ☆ |
| | M | M | M←S | M | 800EP-LSR44 | ☆ | 800ES-LSR44 | ☆ | 800EP-LHR44 | ☆ | 800ES-LHR44 | ☆ |
| | S→M | M←S | M | M | 800EP-LSB44 | ☆ | 800ES-LSB44 | ☆ | 800EP-LHB44 | ☆ | 800ES-LHB44 | ☆ |

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | | |
|---|---|-------------|------------------------------|---|------------|---|------------|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ | |
| (N.O./N.C. max. 5) | (N.O./N.C. max. 4) | | ① Lamp element max. 250 V | 800E-2DL0 | 1 | 800E-3DL0 | 1 | |
| | | | ② 240 VAC | 800E-2RL7 | 1 | 800E-3RL7 | 1 | |
| | | ① ② | Lamp element max. 250 V | | | 800E-3DL0X10 | 1 | |
| | | | | | | 800E-3DL0X01 | 1 | |
| | | | | | | 800E-3DL0X11 | 1 | |
| | | | | | | 800E-3DL0X20 | 1 | |
| Contact Blocks | | | | | | | | |
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamps or LEDs separately
- ② Lamp must correspond to the mains voltage
- ③ The 240 VAC lamp element halves the voltage. Use 130 V / 2.4 W incandescent lamp

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Contact Blocks - Page 11-73
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 4 Positions

800- **EP** - **LS** **M4** **2**
 a *b* *c* *d*





a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard knob |
| LH | Lever |

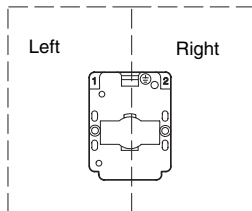
c

| Operator Function | |
|-------------------|--|
| Code | Description |
| M4 | Maintained  |
| L4 | Spring return from left  |
| R4 | Spring return from right  |
| B4 | Spring return from left and right  |

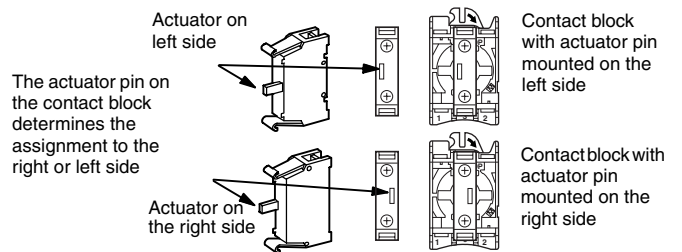
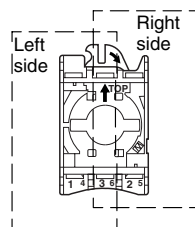
d

| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

2-Across Latch



3-Across Latch

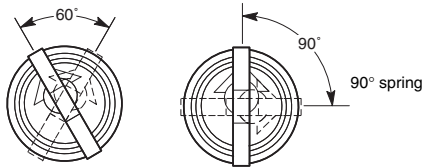


| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≅ Single package (1 piece standard delivery) | 800EP-LSM44 |
| | -BP | ≅ Package of 10 pieces | 800EP-LSM44-BP |

Key Operated Selector Switch Operators, 2 Positions ①



Switch Angles



| Function Table with Position Front Element ② (Switch Angle 60°) | | |
|---|---|---|
| Contact | | |
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Control Knob Position | Operator Type M = Maintained S = Momentary | | Key Lock "Ronis 455" | |
|-----------------------|--|-----|----------------------|----|
| | | | Cat. No. | PQ |
| Left | M | M | 800EP-KM2R1R | 1 |
| Right | M | M | 800EP-KM2R2R | |
| Both sides | M | M | 800EP-KM2R3R | |
| Left | M | S | 800EP-KR2R1R | |
| Right | S | M ② | 800EP-KL2R2R | |

② Function table for momentary left is reverse mirror-image to the shown table above.

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|----------|---------|---|----|---|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

① Key operated selector switch operators protection class IP66, Type 4/13

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Key Operated Selector Switch Operators, 2 Positions

800- **EM** – **KM2** **R** **1** **e**
 a b c d e

a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Operator Function | | |
|-------------------|---|--|
| Code | Description | |
| KM2 | Maintained (Switch Angle 60°) | |
| KN2 | Maintained (Switch Angle 90°) | |
| KL2 | Spring return from left (Switch Angle 60°) | |
| KR2 | Spring return from right (Switch Angle 60°) | |

c

| Key Lock Type | |
|---------------|-------------|
| Code | Description |
| R | Ronis |
| Z | Zadi |

d

| Control Knob Position Ⓣ | |
|-------------------------|-------------|
| Code | Description |
| 1 | Left |
| 2 | Right |
| 3 | Both sides |

e

| Key Lock "Ronis" | | Key Lock "Zadi" | |
|------------------|---------|-----------------|---------|
| Code | Key No. | Code | Key No. |
| Blank | 3825 | Blank | 006 |
| R | 455 | 01Z | 001 |
| 01R | 3801 | 02Z | 002 |
| 02R | 3802 | 03Z | 003 |
| 03R | 3803 | 04Z | 004 |
| 04R | 3804 | 05Z | 005 |
| 05R | 3805 | 07Z | 007 |
| 06R | 3806 | 08Z | 008 |
| 27R | 4001 | 09Z | 009 |
| 28R | 4002 | 10Z | 010 |
| 29R | 4003 | 11Z | 011 |
| 30R | 4004 | 12Z | 012 |
| 31R | 4005 | 13Z | 012 |
| 32R | 4006 | 14Z | 014 |
| 33R | 4007 | — | — |

Spare Keys

| Key Lock "Ronis" | | | | | | Key Lock "Zadi" | | | | | | |
|------------------|--------------|---------------|--------------|-------------|--------------|-----------------|-----|-------------|---------------|-------------|----|---|
| Key number | | Passe-partout | | Central key | | Key number | | | Passe-partout | | | |
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | Cat. No. | PQ | Cat. No. | PQ | |
| 3825 | 800E-AKR3825 | 2 | 800E-AKR3910 | 2 | 800E-AKR3901 | 2 | 006 | 800E-AKZ006 | 2 | 800E-AKZ109 | 2 | |
| 3801 | 800E-AKR3801 | 2 | | | | | 001 | 800E-AKZ001 | 2 | | | |
| 3802 | 800E-AKR3802 | 2 | | | | | 002 | 800E-AKZ002 | 2 | | | |
| 3803 | 800E-AKR3803 | 2 | | | | | 003 | 800E-AKZ003 | 2 | | | |
| 3804 | 800E-AKR3804 | 2 | | | | | 004 | 800E-AKZ004 | 2 | | | |
| 3805 | 800E-AKR3805 | 2 | | | | | 005 | 800E-AKZ005 | 2 | | | |
| 3806 | 800E-AKR3806 | 2 | 800E-AKR3920 | 2 | 007 | 800E-AKZ007 | 2 | 008 | 800E-AKZ008 | | | 2 |
| 4001 | 800E-AKR4001 | 2 | | | 009 | 800E-AKZ009 | 2 | | | | | |
| 4002 | 800E-AKR4002 | 2 | | | 010 | 800E-AKZ010 | 2 | | | | | |
| 4003 | 800E-AKR4003 | 2 | | | 011 | 800E-AKZ011 | 2 | | | | | |
| 4004 | 800E-AKR4004 | 2 | | | 012 | 800E-AKZ012 | 2 | | | | | |
| 4005 | 800E-AKR4005 | 2 | | | 012 | 800E-AKZ012 | 2 | | | | | |
| 4006 | 800E-AKR4006 | 2 | | | 014 | 800E-AKZ014 | 2 | | | | | |
| 4007 | 800E-AKR4007 | 2 | | | | | | | | | | |
| 455 | 800E-AKR455 | 2 | | | | | | | | | | |

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-KM2R1 |
| | -BP | ⊆ Package of 10 pieces | 800EP-KM2R1-BP |

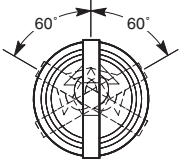
Ⓣ Control knob position only possible in maintained position

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Key Operated Selector Switch Operators “Ronis”, 3 Positions ❶



Switch Angles



Function Table with Position Front Element (Switch Angle 60°)

| Contact | Position on Latch | | | |
|---------|-------------------|------|------|---|
| | | N.O. | Left | X |
| N.O. | Right | O | O | X |
| N.C. | Left | O | X | X |
| N.C. | Right | X | X | O |

Attention: X = closed / O = open

| Control Knob Position | Operator Type M = Maintained S = Momentary | | | Key Lock “Ronis 455” | |
|-----------------------|--|-----|---|----------------------|----|
| | | | | Plastic Front Ring | |
| | | | | Cat. No. | PQ |
| Left | M | M | M | 800EP-KM3R1R | 1 |
| Right | M | M | M | 800EP-KM3R2R | |
| All positions | M | M | M | 800EP-KM3R3R | |
| Middle | M | M | M | 800EP-KM3R4R | |
| Left + Middle | M | M←S | | 800EP-KR3R5R | |
| Left + Right | S→M | ←S | | 800EP-KB3R4R | |
| Middle + Right | S→M | M | | 800EP-KL3R7R | |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|----------|---------|--|----|--|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

❶ Key operated selector switch operators protection class IP66, Type 4/13

PQ = Package Quantity

Contact Blocks - Page 11-73
Accessories - Page 11-78
Specifications - Page 11-116
Dimensions - Page 11-120

Key Operated Selector Switch Operators, 3 Positions

800- **EM** – **KM3** **R** **2** **e**
a b c d e

a

| Operator Type | |
|---------------|--|
| Code | Description |
| EP | Plastic operator |
| ES | Plastic operator with shiny metal front ring |
| EM | Metal operator |

b

| Operator Function | | |
|-------------------|---------------------------------------|--|
| Code | Description | |
| KM3 | Maintained 60° | |
| KR3 | Spring return from right 60° | |
| KL3 | Spring return from left 60° | |
| KB3 | Spring return from left and right 60° | |

c

| Key Type | |
|----------|-------------|
| Code | Description |
| R | Ronis |
| Z | Zadi |

d

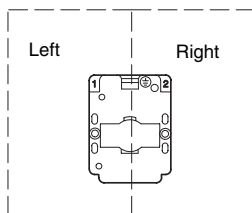
| Control Knob Position ⑥ | |
|-------------------------|----------------|
| Code | Description |
| 1 | Left |
| 2 | Right |
| 3 | All positions |
| 4 | Middle |
| 5 | Left + Middle |
| 6 | Left + Right |
| 7 | Right + Middle |

e

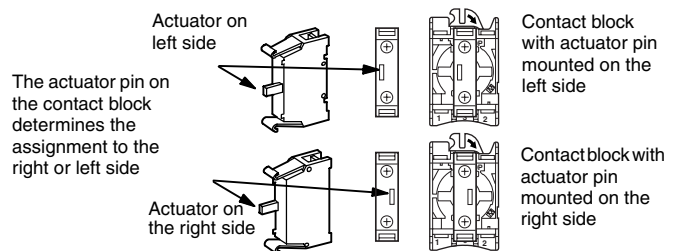
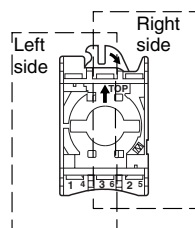
| Key Lock "Ronis" | | Key Lock "Zadi" | |
|------------------|---------|-----------------|---------|
| Code | Key No. | Code | Key No. |
| Blank | 3825 | Blank | 006 |
| R | 455 | 01Z | 001 |
| 01R | 3801 | 02Z | 002 |
| 02R | 3802 | 03Z | 003 |
| 03R | 3803 | 04Z | 004 |
| 04R | 3804 | 05Z | 005 |
| 05R | 3805 | 07Z | 007 |
| 06R | 3806 | 08Z | 008 |
| 27R | 4001 | 09Z | 009 |
| 28R | 4002 | 10Z | 010 |
| 29R | 4003 | 11Z | 011 |
| 30R | 4004 | 12Z | 012 |
| 31R | 4005 | 13Z | 012 |
| 32R | 4006 | 14Z | 014 |
| 33R | 4007 | — | — |

Spare keys see page 11-41

2-Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-KM3R1 |
| | -BP | ⊆ Package of 10 pieces | 800EP-KM3R1-BP |

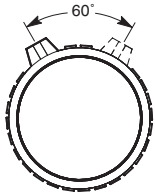
⑥ Control knob position only possible in maintained position

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Selector Jog Operator



Switch Angles



| Operator Position (Front View) | | | | | |
|--------------------------------|-------------------|--------------|----------|--------------|----------|
| Contact | Position on Latch | | | | |
| | | Not Actuated | Actuated | Not Actuated | Actuated |
| N.O. | Left | O | X | O | O |
| N.O. | Right | O | O | O | X |
| N.C. | Left | X | O | X | X |
| N.C. | Right | X | X | X | O |

Attention: X = closed / O = open

| | Colour | Selector Jog Operator | | | |
|--|--------|--------------------------|----|------------------------|----|
| | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| | white | 800EP-SJ21 | 1 | 800ES-SJ21 | 1 |
| | black | 800EP-SJ22 | | 800ES-SJ22 | |
| | green | 800EP-SJ23 | | 800ES-SJ23 | |
| | red | 800EP-SJ24 | | 800ES-SJ24 | |
| | yellow | 800EP-SJ25 | | 800ES-SJ25 | |
| | blue | 800EP-SJ26 | | 800ES-SJ26 | |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|--|--|----------|--|------------|---|------------|---|
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Reset Operators



| Colour | Text | Flush | | | |
|--------|-------|--------------------------|----|------------------------|----|
| | | Black Plastic Front Ring | | Shiny Metal Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| blue | RESET | 800EP-R607W | 1 | 800ES-R607W | 1 |
| blue | R | 800EP-R611W | 1 | 800ES-R611W | 1 |
| no cap | | 800EP-R9 | ☆ | 800ES-R9 | ☆ |

Colour cap see page 11-85



Reset Rods



| Reset Rod Length [mm] | Adjustable Length [mm] | Reset Rod with Reset Plate Ø 12.6 mm | | Reset Rod with Reset Plate Ø 35 mm | |
|-----------------------|------------------------|---|----|---------------------------------------|----|
| | | Cat. No. | PQ | Cat. No. | PQ |
| 36 | 34...52 | 800E-ATR01 | 1 | 800E-ATR01L | 1 |
| 51 | 50...67 | 800E-ATR02 | | 800E-ATR02L | |
| 66 | 65...83 | 800E-ATR03 | | 800E-ATR03L | |
| 81 | 80...98 | 800E-ATR04 | | 800E-ATR04L | |
| 97 | 95...113 | 800E-ATR05 | | 800E-ATR05L | |
| 112 | 110...128 | 800E-ATR06 | | 800E-ATR06L | |
| 127 | 126...144 | 800E-ATR07 | | 800E-ATR07L | |
| 142 | 141...159 | 800E-ATR08 | | 800E-ATR08L | |
| 312 | 34...326 ① | 800E-ATR19 | | 800E-ATR19L | |

| Options | Cat. No. Suffix | Description | Ordering Example |
|-------------------------------|-----------------|---|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-R9 |
| | -BP | ⊆ Package of 10 pieces | 800EP-R9-BP |
| ◆ Metal Operator | | The Bulletin 800E push buttons are also available in metal. Please replace the Cat. No. as follows: | |
| - with shiny metal front ring | 800EM- ... | Shiny metal front ring, 800EM- ... instead of 800ES- ... | 800EM-R407W |

① detachable rods available in any length (thread continuous)

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Wobble Stick Operators



| Knob | Standard | | | |
|--------------------------------|------------------|----|----------------------|----|
| | Plastic Operator | | Metal Operator | |
| | Cat. No. | PQ | Cat. No. | PQ |
| red plastic shiny aluminium | 800EP-W4 — | 1 | 800EM-W4 800EM-W8 | 1 |

Only with plastic operator for 3-across latches

Joy Stick Operators (Metal Operator Only)



Available Table

| Contact-element | Position on Latch | | 2 Positions | | | | 4 Positions | | | | |
|-----------------|-------------------|---------|-------------|---|---|---|-------------|---|---|---|---|
| | | | | | | | | | | | |
| N.O. | | Level 1 | left | O | O | X | X | O | O | O | O |
| N.O. | | | right | X | O | O | O | X | O | O | O |
| N.C. | | Level 2 | left | X | O | O | O | O | O | X | O |
| N.C. | | | right | O | O | X | O | O | O | O | X |

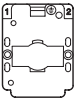
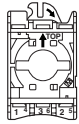
Attention: X = closed / O = open

| Type | Standard | | | |
|------------------------|---------------|----|------------|----|
| | Without Latch | | With Latch | |
| | Cat. No. | PQ | Cat. No. | PQ |
| 2 Positions maintained | 800EM-JM2 | 1 | 800EM-JLM2 | 1 |
| 2 Positions momentary | 800EM-JR2 | | 800EM-JLR2 | |
| 4 Positions maintained | 800EM-JM4 | | 800EM-JLM4 | |
| 4 Positions momentary | 800EM-JR4 | | 800EM-JLR4 | |

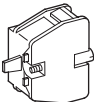
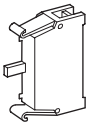




PQ = Package Quantity

- Contact Blocks - Page 11-73
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

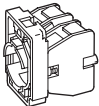
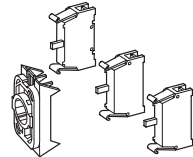








Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|  |  | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

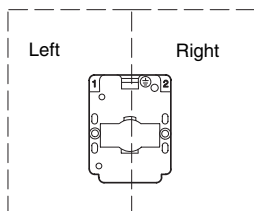
Contact Blocks

| | | | | | | | |
|---|---|-------------|---|------------|----|------------|----|
|  |  | Standard |  | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | |  | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage |  | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | |  | 800E-2X01V | 10 | 800E-3X01V | 10 |

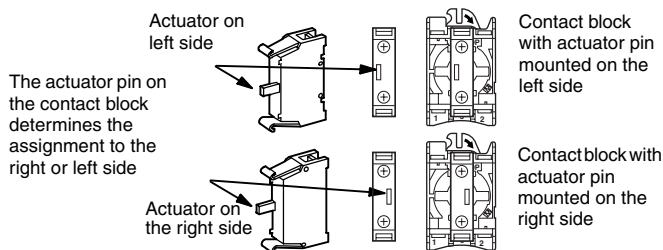
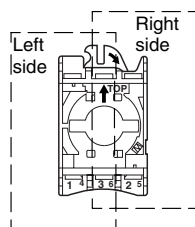
Contact Blocks including Latches

| | | | | | | | |
|---|---|----------|---|------------|---|------------|---|
|  |  | Standard |  | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | |  | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | |   | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | |   | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | |   | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

2-Across Latch



3-Across Latch

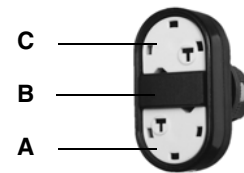


PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Multi-Function Operators (Plastic only)

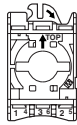
Position



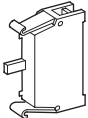




| Position C | Position B | | Position A | Non-Illuminated | | | |
|------------|--------------|------|------------|--------------------------|----|--------------------------|----|
| | | | | Black Plastic Front Ring | | Shiny Plastic Front Ring | |
| Cap | Cap | Text | Cap | Cat. No. | PQ | Cat. No. | PQ |
| empty | Blank cap | | empty | 800EP-U2X | ☆ | 800ES-U2X | 1 |
| empty | red raised | — | empty | 800EP-U3X00 | ☆ | — | |
| empty | red raised | O | empty | 800EP-U3X01 | ☆ | — | |
| empty | red raised | STOP | empty | 800EP-U3X03 | ☆ | — | |
| empty | black raised | — | empty | 800EP-U3E00 | ☆ | — | |
| empty | black raised | O | empty | 800EP-U3E01 | ☆ | — | |
| empty | black raised | STOP | empty | 800EP-U3E03 | ☆ | — | |

Attention: Colour cap see page 11-97.

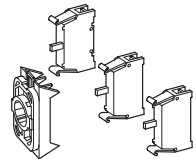


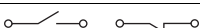
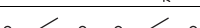
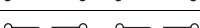
Latches

| Plastic Latches for 3 Elements per Level | Description | | Plastic Latches for 3 Elements per Level | |
|---|-------------|---------|--|----|
| | Type | Contact | Cat. No. | PQ |
|  | Latch | | 800E-A3L | 10 |

Contact Blocks

| | | | | |
|---|-------------|---|------------|----|
|  | Standard |  | 800E-3X10 | 10 |
| | |  | 800E-3X01 | 10 |
| | Low voltage |  | 800E-3X10V | 10 |
| | |  | 800E-3X01V | 10 |

Contact Blocks including Latch

| | | | | |
|---|----------|--|------------|---|
|  | Standard |  | 800E-3LX10 | 1 |
| | |  | 800E-3LX01 | 1 |
| | |  | 800E-3LX11 | 1 |
| | |  | 800E-3LX20 | 1 |
| | |  | 800E-3LX02 | 1 |

Multi-function operators with sealing cap IP66, Cat. No. see Accessories 11-78, without sealing cap IP40.

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⌊ Single package (1 piece standard delivery) | 800EP-U2X |
| | -BP | ⌊ Package of 10 pieces | 800EP-U2X-BP |

PQ = Package Quantity

Colour Caps - Page 11-97

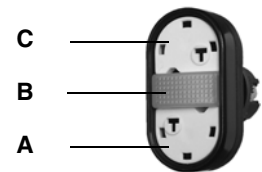
Contact Blocks - Page 11-73

Accessories - Page 11-78

Specifications - Page 11-116

Illuminated Multi-Function Operators (Plastic only)

Position



| Position C | Position B | | Position A | Illuminated | | | |
|------------|------------|------|------------|--------------------------|----|--------------------------|----|
| | | | | Black Plastic Front Ring | | Shiny Plastic Front Ring | |
| Cap | Cap | Text | Cap | Cat. No. | PQ | Cat. No. | PQ |
| empty | Light cap | | empty | 800EP-LU2X | ☆ | 800ES-LU2X | 1 |

Attention: Colour cap see page Page 11-97.

Lamp Elements and Latches

| Plastic Latches for 3 Screw Down Elements | Description | | Plastic Latches for 3 Screw Down Elements | |
|---|-------------|-------------------------|---|----|
| | Type | Contact | Cat. No. | PQ |
| (N.O./N.C. max. 4) | ① ② | Lamp element max. 250 V | 800E-3DL0 | 1 |
| | ③ | 240 VAC | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | | |
|--|--------|-------------------------|--|--------------|---|
| | ① ② | Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | | 800E-3DL0X01 | 1 |
| | | | | 800E-3DL0X11 | 1 |
| | | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | |
|--|-------------|--|------------|----|
| | Standard | | 800E-3X10 | 10 |
| | | | 800E-3X01 | 10 |
| | Low voltage | | 800E-3X10V | 10 |
| | | | 800E-3X01V | 10 |

Multi-function operators with sealing cap IP66, Cat. No. see Accessories 11-78, without sealing cap IP40.

- ① Please order incandescent lamps or LEDs separately
- ② Lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EP-LU2X |
| | -BP | ⊆ Package of 10 pieces | 800EP-LU2X-BP |

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Colour Caps - Page 11-97
 Contact Blocks - Page 11-73
 Specifications - Page 11-116

Control and Indicating Devices

Product Selection: Front Elements - Square

Non-Illuminated Momentary Push Buttons



| Colour | Flush | | Raised | | With Raised Front Ring | | |
|--------|--------------------------|----|--------------------------|----|--------------------------|----|---|
| | Black Plastic Front Ring | | Black Plastic Front Ring | | Black Plastic Front Ring | | |
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | |
| white | 800EQ-F1 | 1 | 800EQ-E1 | 1 | 800EQ-G1 | 1 | |
| black | 800EQ-F2 | | 800EQ-E2 | | 800EQ-G2 | | |
| green | 800EQ-F3 | | 800EQ-E3 | | 800EQ-G3 | | |
| red | 800EQ-F4 | | 800EQ-E4 | | 800EQ-G4 | | |
| yellow | 800EQ-F5 | | 800EQ-E5 | | 800EQ-G5 | | |
| blue | 800EQ-F6 | | 800EQ-E6 | | 800EQ-G6 | | |
| no cap | 800EQ-F9 | | 800EQ-E9 | | 800EQ-G9 | | |
| | | | ☆ | | | | ☆ |

Non-Illuminated Momentary Push Buttons with Legend Text



| Colour | Text | Flush, with Legend Text | | Raised, with Legend Text | |
|--------|-------|--------------------------|----|--------------------------|----|
| | | Black Plastic Front Ring | | Black Plastic Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| green | | 800EQ-F306W | 1 | — | |
| white | | 800EQ-F106B | | — | |
| red | O | 800EQ-F405W | 1 | 800EQ-E405W | 1 |
| black | O | 800EQ-F205W | | — | |
| green | START | 800EQ-F301W | 1 | — | |
| white | START | 800EQ-F101B | | — | |
| red | STOP | 800EQ-F402W | 1 | 800EQ-E402W | 1 |
| black | STOP | 800EQ-F202W | | — | |
| green | ON | 800EQ-F303W | 1 | — | |
| white | ON | 800EQ-F103B | | — | |
| red | OFF | 800EQ-F404W | 1 | 800EQ-E404W | 1 |
| black | OFF | 800EQ-F204W | | — | |
| white | Æ | 800EQ-F108B | 1 | — | |
| black | Æ | 800EQ-F208W | | — | |

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | △ Single package (1 piece standard delivery) | 800EQ-F1 |
| | -BP | △ Package of 10 pieces | 800EQ-F1-BP |

PQ = Package Quantity

- Colour Caps - Page 11-85
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

Non-Illuminated Maintained Push Buttons



| Colour | Flush | |
|--------|--------------------------|----|
| | Black Plastic Front Ring | |
| | Cat. No. | PQ |
| white | 800EQ-FA1 | 1 |
| black | 800EQ-FA2 | |
| green | 800EQ-FA3 | |
| red | 800EQ-FA4 | |
| yellow | 800EQ-FA5 | |
| blue | 800EQ-FA6 | |
| no cap | 800EQ-FA9 | |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|--|--|----------|--|------------|---|------------|---|
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |
| | | | | | | | |

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ★ Packaging quantity | Blank | Single package (1 piece standard delivery) | 800EQ-FA1 |
| | -BP | Package of 10 pieces | 800EQ-FA1-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Front Elements - Square

Illuminated Momentary Push Buttons



| Colour | Flush | | Raised | |
|-------------|--------------------------|----|--------------------------|----|
| | Black Plastic Front Ring | | Black Plastic Front Ring | |
| | Cat. No. | PQ | Cat. No. | PQ |
| green | 800EQ-LF3 | 1 | 800EQ-LE3 | 1 |
| red | 800EQ-LF4 | | 800EQ-LE4 | |
| yellow | 800EQ-LF5 | | 800EQ-LE5 | |
| blue | 800EQ-LF6 | | 800EQ-LE6 | |
| transparent | 800EQ-LF7 | | 800EQ-LE7 | |
| no lens | 800EQ-LF9 | | 800EQ-LE9 | |
| | | | ☆ | |

Illuminated Momentary Push Buttons with Legend Text



| Colour | Text | Flush, with Legend Text | | Raised, with Legend Text | |
|--------|-------|--------------------------|----|--------------------------|----|
| | | Black Plastic Front Ring | | Black Plastic Front Ring | |
| | | Cat. No. | PQ | Cat. No. | PQ |
| green | | 800EQ-LF306B | 1 | — | 1 |
| red | O | 800EQ-LF405B | | 800EQ-LE405B | |
| green | START | 800EQ-LF301B | | — | |
| red | STOP | 800EQ-LF402B | | 800EQ-LE402B | |
| green | ON | 800EQ-LF303B | | — | |
| red | OFF | 800EQ-LF404B | | 800EQ-LE404B | |
| | | | | | |

Additional diffuser caps with legend text and symbols see pages 11-91...11-96.
 B = Black texts and symbols.

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-LF9 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-LF9-BP |

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Colour Caps - Page 11-85
 Accessories - Page 11-78
 Dimensions - Page 11-120

Illuminated Maintained Push Buttons



| Colour | Flush | |
|-------------|--------------------------|----|
| | Black Plastic Front Ring | |
| | Cat. No. | PQ |
| green | 800EQ-LFA3 | 1 |
| red | 800EQ-LFA4 | |
| yellow | 800EQ-LFA5 | |
| blue | 800EQ-LFA6 | |
| transparent | 800EQ-LFA7 | |
| no lens | 800EQ-LFA9 | |

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level (N.O./N.C. max. 5) | Plastic Latches for 3 Elements per Level (N.O./N.C. max. 4) | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|------------------------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | ① Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | ② 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | |
|--|------------------------------|--|--------------|---|
| | ① Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | 800E-3DL0X01 | 1 |
| | | | 800E-3DL0X11 | 1 |
| | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamp or LEDs separately
- ② The lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-LFA3 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-LFA3-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116

Non-Illuminated Momentary Mushroom Operators



| Colour | Momentary ϕ 40 mm (Plastic Colour Cap) Black Plastic Front Ring | |
|--------------------------------|--|----|
| | Cat. No. | PQ |
| white black green red | 800EQ-M1 800EQ-M2 800EQ-M3 800EQ-M4 | 1 |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Type | Contact | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|----------|---------|---|----|---|----|
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

11

PQ = Package Quantity

Contact Blocks - Page 11-73

Accessories - Page 11-78

Specifications - Page 11-116

Dimensions - Page 11-120

Pilot Lights

- Please order incandescent lamp or LEDs separately



Attention: Additional diffuser caps with legend text and symbols see pages 11-91.

| Colour | Standard Front Elements, Flush (with Lens and Diffuser Cap and Legend Text) | |
|-------------|--|----|
| | Cat. No. | PQ |
| green | 800EQ-P3 | ☆ |
| red | 800EQ-P4 | ☆ |
| yellow | 800EQ-P5 | ☆ |
| blue | 800EQ-P6 | ☆ |
| transparent | 800EQ-P7 | ☆ |

eco-Pilot Lights

- Please order incandescent lamp or LEDs separately



| Direct Wire | | Colour | Standard | | | |
|-------------|------------|-------------|-------------|----|----------------|----|
| | | | Cat. No. | PQ | Cat. No. | PQ |
| ○—⊗—○ | max. 250 V | green | 800EQ-PM3D0 | 1 | 800EQ-PM3D0-BP | 10 |
| ○—⊗—○ | max. 250 V | red | 800EQ-PM4D0 | 1 | 800EQ-PM4D0-BP | 10 |
| ○—⊗—○ | max. 250 V | yellow | 800EQ-PM5D0 | 1 | 800EQ-PM5D0-BP | 10 |
| ○—⊗—○ | max. 250 V | blue | 800EQ-PM6D0 | 1 | 800EQ-PM6D0-BP | 10 |
| ○—⊗—○ | max. 250 V | transparent | 800EQ-PM7D0 | 1 | 800EQ-PM7D0-BP | 10 |

Attention: Additional diffuser caps with legend text and symbols see pages 11-91...11-96.

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-P3 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-P3-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

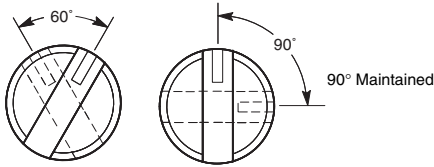
Non-Illuminated Selector Switch Operators, 2 Positions



Standard Knob



Lever



| Function Table with Position Front Element ① (Switch Angle 60°) | | |
|---|---|---|
| Contact | | |
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | Standard Knob | | Lever | |
|-------------------------------|--|---|--------------------|----|--------------------|----|
| | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ |
| Black knob with white text | M | M | 800EQ-SM22 | 1 | 800EQ-HM22 | 1 |
| | M←S | | 800EQ-SR22 | 1 | 800EQ-HR22 | 1 |
| | S→M ① | | 800EQ-SL22 | 1 | 800EQ-HL22 | 1 |

① Function table for momentary left is reverse mirror-image to the shown table above.

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
|--|--|-------------|--|------------|----|------------|----|
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 | |
|--|--|----------|--|------------|------------|------------|------------|---|
| | | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

PQ = Package Quantity

- Contact Blocks - Page 11-73
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 2 Positions

800- **EQ** – **S** **M2** **2**
a *b* *c* *d*





a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard knob |
| H | Lever |

c

| Operator Function | | |
|-------------------|--|--|
| Code | Description | |
| M2 | Maintained (60° Switch Angles) |  |
| N2 | Maintained (Switch angle 90°) ❶ |  |
| L2 | Spring return form left (Switch angle 60°) |  |
| R2 | Spring return form right (Switch angle 60°) |  |

d

| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 8 | grau | white |

❶ 30 mm mounting distance is not possible with lever. Mounting distance see also page 11-120

Non-Illuminated Selector Switch Operators, 3 Positions

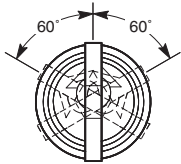


Standard Knob



Lever

Switch Angles



| Standard Function Table (without Option e) for Front Element (Switch Angles 60°) | | | | |
|--|-------------------|---|---|---|
| Contact | Position on Latch | | | |
| N.O. | left | X | O | O |
| N.O. | right | O | O | X |
| N.C. | left | O | X | X |
| N.C. | right | X | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | Standard Knob | | Lever | |
|-------------------------------|--|-----|---|--------------------|----|--------------------|----|
| | | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| Black knob with white text | M | M | M | 800EQ-SM32 | 1 | 800EQ-HM32 | 1 |
| | M | M←S | | 800EQ-SR32 | 1 | 800EQ-HR32 | 1 |
| | S→M | M | | 800EQ-SL32 | 1 | 800EQ-HL32 | 1 |
| | S→M←S | | | 800EQ-SB32 | 1 | 800EQ-HB32 | 1 |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| Metal Contact Block | Plastic Contact Block | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
|---------------------|-----------------------|-------------|--|------------|----|------------|----|
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| Metal Contact Block with Latch | Plastic Contact Block with Latch | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
|--------------------------------|----------------------------------|----------|--|------------|---|------------|---|
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | Standard | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 3 Positions

800- **EQ** - **S** **M3** **3**
a *b* *c* *d* *e*

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard knob |
| H | Lever |

c

| Operator Function | | |
|-------------------|-----------------------------------|--|
| Code | Description | |
| M3 | Maintained | |
| L3 | Spring return from left | |
| R3 | Spring return from right | |
| B3 | Spring return from left and right | |

d

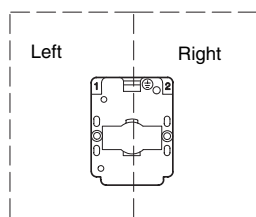
| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 8 | grau | white |

e

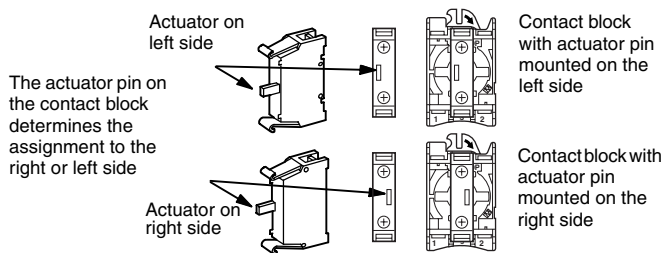
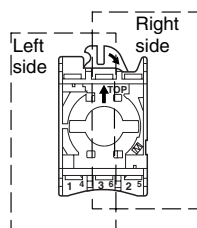
| Function Table with Option e (without Option e see page 11-58) | | | | |
|--|---|---|--|------------|
| Operator position viewed from the front | | | C1 | |
| | | | Position of the contact block viewed from the back | |
| | | | left side | right side |
| X | O | O | — | N.O. |
| O | X | O | N.C. or N.C. | |
| O | O | X | N.O. | — |
| X | X | O | N.C.L.B. | — |
| O | X | X | — | N.C.L.B. |
| X | O | X | N.O.E.M. or N.O.E.M. | |

Attention: X = closed / O = open

2-Across Latch



3-Across Latch



Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 4 Positions



Standard Knob



Lever

Switch Angles

Standard Function Table for Front Element 1 (Switch Angles 45°)

| Contact | Position on Latch | | | | |
|----------|-------------------|---|---|---|---|
| N.O. | Right | X | O | O | O |
| N.C. | Right | O | X | O | O |
| N.O. | Left | O | O | X | O |
| N.C. | Left | O | O | O | X |
| N.O.E.M. | Left | X | X | X | O |
| N.C.L.B. | Left | X | X | O | X |
| N.O.E.M. | Right | X | O | X | X |
| N.C.L.B. | Right | O | X | X | X |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | | Standard Knob | | Lever | |
|-------------------------------|--|-----|-----|---|--------------------|----|--------------------|----|
| | | | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | | | Cat. No. | PQ | Cat. No. | PQ |
| Black knob with white text | M | M | M | M | 800EQ-SM42 | 1 | 800EP-HM42 | 1 |
| | S→M | M | M | | 800EQ-SL42 | 1 | 800EQ-HL42 | 1 |
| | M | M | M←S | | 800EQ-SR42 | 1 | 800EQ-HR42 | 1 |
| | S→M | M←S | | | 800EQ-SB42 | 1 | 800EQ-HB42 | 1 |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|--|--|-------------|---------|--|----|--|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|--|--|----------|--|------------|---|------------|---|
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |
| | | | | | | | |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Selector Switch Operators, 4 Positions

800- **EQ** - **S** **M4** **2**
a *b* *c* *d*

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| S | Standard knob |
| H | Lever |

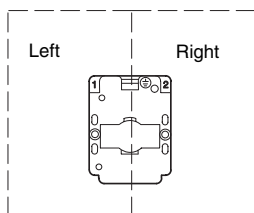
c

| Operator Function | | |
|-------------------|-----------------------------------|--|
| Code | Description | |
| M4 | Maintained | |
| L4 | Spring return from left | |
| R4 | Spring return from right | |
| B4 | Spring return from left and right | |

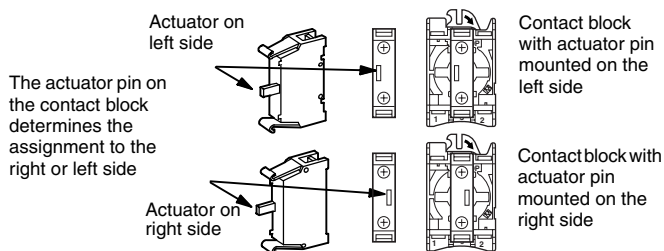
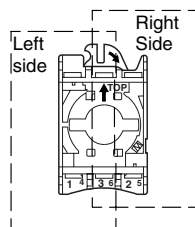
d

| Colour | | |
|--------|--------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 2 | black | white |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |

2-Across Latch



3-Across Latch



Illuminated Selector Switch Operators, 2 Positions

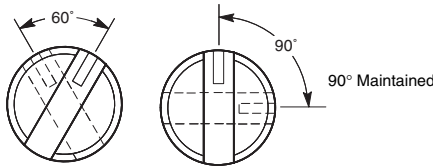


Standard Knob



Lever

Switch Angles



| Function Table with Position Front Element ④ (Switch Angles 60°) | | |
|--|---|---|
| Contact | | |
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | Standard Knob | | Lever | |
|-----------------------------|--|-----|--------------------|----|--------------------|----|
| | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | 800EQ-LSM24 | 1 | 800EQ-LHM24 | 1 |
| | M | S | 800EQ-LSR24 | 1 | 800EQ-LHR24 | 1 |
| | S | M ④ | 800EQ-LSL24 | 1 | 800EQ-LHL24 | 1 |

④ Function table for momentary left is reverse mirror-image to the shown table above.

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | | |
|---|---|-------------|----------------------------|---|-----------|---|-----------|-----------|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ | |
| | | ① | Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | | ② | 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | | |
|--|---|----------------------------|--|--------------|---|
| | ① | Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | | 800E-3DL0X01 | 1 |
| | | | | 800E-3DL0X11 | 1 |
| | | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamp or LEDs separately
- ② The lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Contact Blocks - Page 11-73
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 2 Positions

800- **EQ** - **LS** **M2** **1**
 a *b* *c* *d*

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard knob |
| LH | Lever |

c

| Operator Function | | |
|-------------------|--|--|
| Code | Description | |
| M2 | Maintained (Switch angle 60°) | |
| N2 | Maintained (Switch angle 90°) ❶ | |
| L2 | Spring return form left (Switch angle 60°) | |
| R2 | Spring return form right (Switch angle 60°) | |

d

| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

❶ 30 mm mounting distance is not possible with lever. Mounting distance see also page 11-120

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Selector Switch Operators, 3 Positions

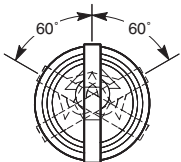


Standard Knob



Lever

Switch Angles



| Standard Function Table (without Option e) for Front Element (Switch Angles 60°) | | | | |
|--|-------------------|---|---|---|
| Contact | Position on Latch | | | |
| N.O. | Left | X | O | O |
| N.O. | Right | O | O | X |
| N.C. | Left | O | X | X |
| N.C. | Right | X | X | O |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | Standard Knob | | Lever | |
|-----------------------------|--|-----|---|--------------------|----|--------------------|----|
| | | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | M | 800EQ-LSM34 | 1 | 800EQ-LHM34 | 1 |
| | M | M←S | | 800EQ-LSR34 | 1 | 800EQ-LHR34 | 1 |
| | S→M | M | | 800EQ-LSL34 | 1 | 800EQ-LHL34 | 1 |
| | S→M←S | | | 800EQ-LSB34 | 1 | 800EQ-LHB34 | 1 |

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|----------------------------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| (N.O./N.C. max. 5) | (N.O./N.C. max. 4) | ① | Lamp element max. 250 V | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | ② | 240 VAC | 800E-2RL7 | 1 | 800E-3RL7 | 1 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | | |
|--|--------|----------------------------|--|--------------|---|
| | ① ② | Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | | 800E-3DL0X01 | 1 |
| | | | | 800E-3DL0X11 | 1 |
| | | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamp or LEDs separately
- ② The lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82

Contact Blocks - Page 11-73

Specifications - Page 11-116

Dimensions - Page 11-120

Illuminated Selector Switch Operators, 3 Positions

800- **EP** - **LS** **M3** **3**
a b c d e

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard knob |
| LH | Lever |

c

| Operator Function | | |
|-------------------|-----------------------------------|--|
| Code | Description | |
| M3 | Maintained | |
| L3 | Spring return from left | |
| R3 | Spring return from right | |
| B3 | Spring return from left and right | |

d

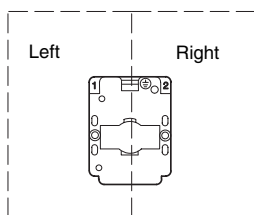
| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

e

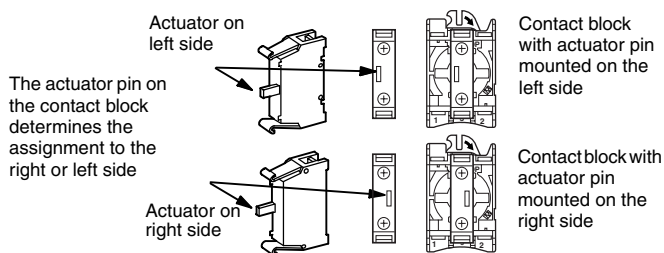
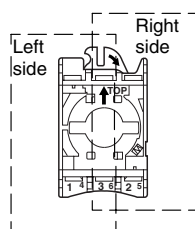
| Function Table with Option e (without Option e see page 11-64) | | | | | |
|--|---|---|--|------------|--|
| Operator position viewed from the front | | | C1 Position of the contact block viewed from the back | | |
| | | | Left side | Right side | |
| X | O | O | — | N.O. | |
| O | X | O | N.C. or N.C. | | |
| O | O | X | N.O. | — | |
| X | X | O | N.C.L.B. | — | |
| O | X | X | — | N.C.L.B. | |
| X | O | X | N.O.E.M. or N.O.E.M. | | |

Attention: X = closed / O = open

2-Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-LSM39 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-LSM39-BP |

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Front Elements - Square

Illuminated Selector Switch Operators, 4 Positions



Standard Knob



Lever

Switch Angles

Standard Function Table for Front Element (Switch Angle 45°)

| Contact | Position on Latch | | | | |
|----------|-------------------|---|---|---|---|
| N.O. | Right | X | O | O | O |
| N.C. | Right | O | X | O | O |
| N.O. | Left | O | O | X | O |
| N.C. | Left | O | O | O | X |
| N.O.E.M. | Left | X | X | X | O |
| N.C.L.B. | Left | X | X | O | X |
| N.O.E.M. | Right | X | O | X | X |
| N.C.L.B. | Right | O | X | X | X |

Attention: X = closed / O = open

| Colour | Operator Type M = Maintained S = Momentary | | | | Standard Knob | | Lever | |
|-----------------------------|--|-----|-----|---|--------------------|----|--------------------|----|
| | | | | | Plastic Front Ring | | Plastic Front Ring | |
| | | | | | Cat. No. | PQ | Cat. No. | PQ |
| Red knob with white text | M | M | M | M | 800EQ-LSM44 | 1 | 800EQ-LHM44 | 1 |
| | S→M | M | M | | 800EQ-LSL44 | 1 | 800EQ-LHL44 | 1 |
| | M | M | M←S | | 800EQ-LSR44 | 1 | 800EQ-LHR44 | 1 |
| | S→M | M←S | | | 800EQ-LSB44 | 1 | 800EQ-LHB44 | 1 |

Lamp Elements and Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | | |
|--|--|-------------|-------------------------|--|-----------|--|-----------|-----------|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ | |
| | | ① | Lamp element max. 250 V | | 800E-2DL0 | 1 | 800E-3DL0 | 1 |
| | | | ② | 240 VAC | | 800E-2RL7 | 1 | 800E-3RL7 |

Complete Lamp Elements and Contact Blocks incl. Latches

| | | | | | |
|--|---|-------------------------|--|--------------|---|
| | ① | Lamp element max. 250 V | | 800E-3DL0X10 | 1 |
| | | | | 800E-3DL0X01 | 1 |
| | | | | 800E-3DL0X11 | 1 |
| | | | | 800E-3DL0X20 | 1 |

Contact Blocks

| | | | | | | | |
|--|----------|-------------|-----------|------------|-----------|------------|----|
| | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 | |
| | | | 800E-2X01 | 10 | 800E-3X01 | 10 | |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

- ① Please order incandescent lamp or LEDs separately
- ② The lamp must correspond to the mains voltage
- ③ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82

Contact Blocks - Page 11-73

Specifications - Page 11-116

Dimensions - Page 11-120

Illuminated Selector Switch Operators, 4 Positions

800- EQ – LS M4 2
a b c d

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Knob Type | |
|-----------|---------------|
| Code | Description |
| LS | Standard knob |
| LH | Lever |

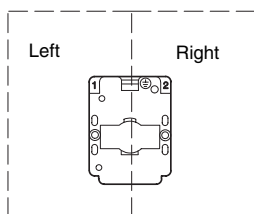
c

| Operator Function | | |
|-------------------|-----------------------------------|--|
| Code | Description | |
| M4 | Maintained | |
| L4 | Spring return from left | |
| R4 | Spring return from right | |
| B4 | Spring return from left and right | |

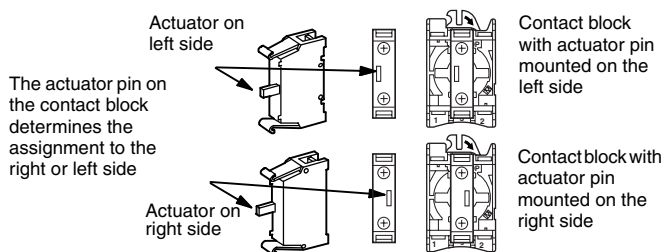
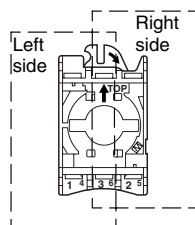
d

| Colour | | |
|--------|-------------|-------|
| Code | Knob | Text |
| 1 | white | black |
| 3 | green | white |
| 4 | red | white |
| 5 | yellow | black |
| 6 | blue | white |
| 7 | transparent | black |

2-Across Latch



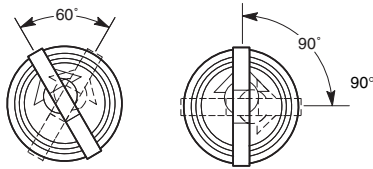
3-Across Latch



Key Operated Selector Switch Operators with Key Lock "Ronis", 2 Positions



Switch Angles



| Function Table with Position Front Element Ⓣ (Switch Angles 60°) | | |
|--|---|---|
| Contact | | |
| N.O. | O | X |
| N.C. | X | O |

Attention: X = closed / O = open

| Control Knob Position | Operator Type M = Maintained S = Momentary | | Key Lock "Ronis 455" | |
|-----------------------|--|-------|----------------------|----|
| | | | Plastic Front Ring | |
| | | | Cat. No. | PQ |
| Left | M | M | 800EQ-KM2R1R | ★ |
| Right | M | M | 800EQ-KM2R2R | ★ |
| Both sides | M | M | 800EQ-KM2R3R | ★ |
| Left | M←S | | 800EQ-KR2R1R | ★ |
| Right | | S→M Ⓣ | 800EQ-KL2R2R | ★ |

Ⓣ Function table for momentary left is reverse mirror-image to the shown table above.

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

11

Contact Blocks

| | | | | | | | |
|--|--|-------------|--|------------|----|------------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| | | | | 800E-2X01 | 10 | 800E-3X01 | 10 |
| | | Low voltage | | 800E-2X10V | 10 | 800E-3X10V | 10 |
| | | | | 800E-2X01V | 10 | 800E-3X01V | 10 |

Contact Blocks including Latches

| | | | | | | | |
|--|--|----------|--|------------|---|------------|---|
| | | Standard | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

① Key operated selector switch operators protection class IP66, Type 4/13

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Key Operated Selector Switch Operators with Key Lock, 2 Positions

800- **EQ** – **KM2** **R** **1**

a *b* *c* *d* *e*

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |





c

| Key Lock Type | |
|---------------|-------------|
| Code | Description |
| R | Ronis |
| Z | Zadi |

e

| Key Lock "Ronis" | | Key Lock "Zadi" | |
|------------------|---------|-----------------|---------|
| Code | Key No. | Code | Key No. |
| Blank | 3825 | Blank | 006 |
| R | 455 | 01Z | 001 |
| 01R | 3801 | 02Z | 002 |
| 02R | 3802 | 03Z | 003 |
| 03R | 3803 | 04Z | 004 |
| 04R | 3804 | 05Z | 005 |
| 05R | 3805 | 07Z | 007 |
| 06R | 3806 | 08Z | 008 |
| 27R | 4001 | 09Z | 009 |
| 28R | 4002 | 10Z | 010 |
| 29R | 4003 | 11Z | 011 |
| 30R | 4004 | 12Z | 012 |
| 31R | 4005 | 13Z | 012 |
| 32R | 4006 | 14Z | 014 |
| 33R | 4007 | — | — |

b

| Operator Function | | |
|-------------------|---|--|
| Code | Description | |
| KM2 | Maintained (Switch Angles 60°) |  |
| KN2 | Maintained (Switch Angles 90°) |  |
| KL2 | Spring return form left (Switch Angles 60°) |  |
| KR2 | Spring return form right (Switch Angles 60°) |  |

d

| Control Knob Position Ⓣ | |
|-------------------------|-------------|
| Code | Description |
| 1 | Left |
| 2 | Right |
| 3 | Both sides |

Spare Keys

| Key Lock "Ronis" | | | | | | Key Lock "Zadi" | | | | | | |
|------------------|--------------|---------------|--------------|-------------|--------------|-----------------|-----|---------------|-------------|-------------|----|---|
| Key number | | Passe-partout | | Central key | | Key number | | Passe-partout | | | | |
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | Cat. No. | PQ | Cat. No. | PQ | |
| 3825 | 800E-AKR3825 | 2 | 800E-AKR3910 | 2 | 800E-AKR3901 | 2 | 006 | 800E-AKZ006 | 2 | 800E-AKZ109 | 2 | |
| 3801 | 800E-AKR3801 | 2 | | | | | 001 | 800E-AKZ001 | 2 | | | |
| 3802 | 800E-AKR3802 | 2 | | | | | 002 | 800E-AKZ002 | 2 | | | |
| 3803 | 800E-AKR3803 | 2 | | | | | 003 | 800E-AKZ003 | 2 | | | |
| 3804 | 800E-AKR3804 | 2 | | | | | 004 | 800E-AKZ004 | 2 | | | |
| 3805 | 800E-AKR3805 | 2 | | | | | 005 | 800E-AKZ005 | 2 | | | |
| 3806 | 800E-AKR3806 | 2 | 800E-AKR3920 | 2 | 007 | 800E-AKZ007 | 2 | 008 | 800E-AKZ008 | | | 2 |
| 4001 | 800E-AKR4001 | 2 | | | 009 | 800E-AKZ009 | 2 | | | | | |
| 4002 | 800E-AKR4002 | 2 | | | 010 | 800E-AKZ010 | 2 | | | | | |
| 4003 | 800E-AKR4003 | 2 | | | 011 | 800E-AKZ011 | 2 | | | | | |
| 4004 | 800E-AKR4004 | 2 | | | 012 | 800E-AKZ012 | 2 | | | | | |
| 4005 | 800E-AKR4005 | 2 | | | 012 | 800E-AKZ012 | 2 | | | | | |
| 4006 | 800E-AKR4006 | 2 | | | 014 | 800E-AKZ014 | 2 | | | | | |
| 4007 | 800E-AKR4007 | 2 | | | | | | | | | | |
| 455 | 800E-AKR455 | 2 | | | | | | | | | | |

| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-KM2R1 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-KM2R1-BP |

Ⓣ Control knob position only possible in maintained position

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Key Operated Selector Switch Operators with Key Lock “Ronis”, 3 Positions

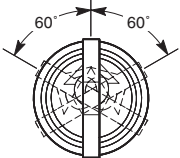


Standard Knob



Lever

Switch Angles



| Function Table with Position Front Element (Switch Angle 60°) | | | | |
|---|-------------------|---|---|---|
| Contact | Position on Latch | | | |
| N.O. | Left | X | O | O |
| N.O. | Right | O | O | X |
| N.C. | Left | O | X | X |
| N.C. | Right | X | X | O |

Attention: X = closed / O = open

| Control Knob Position | Operator Type M = Maintained S = Momentary | | | Key Lock “Ronis 455” | |
|-----------------------|--|-------|--|----------------------|----|
| | | | | Plastic Front Ring | |
| | | | | Cat. No. | PQ |
| Left | | M M M | | 800EQ-KM3R1R | ☆ |
| Right | | M M M | | 800EQ-KM3R2R | ☆ |
| all positions | | M M M | | 800EQ-KM3R3R | ☆ |
| Middle | | M M M | | 800EQ-KM3R4R | ☆ |
| Left+Middle | | M M←S | | 800EQ-KR3R5R | ☆ |
| Left+Right | | S→M←S | | 800EQ-KB3R4R | ☆ |
| Middle+Right | | S→M←S | | 800EQ-KL3R7R | ☆ |

Latches

| Metal Latches for 2 Elements per Level | Plastic Latches for 3 Elements per Level | Description | | Metal Latches for 2 Elements per Level | | Plastic Latches for 3 Elements per Level | |
|---|---|-------------|---------|---|----|---|----|
| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
| | | Latch | | 800E-A2L | 10 | 800E-A3L | 10 |

Contact Blocks

| | | Type | Contact | Cat. No. | PQ | Cat. No. | PQ |
|-------------|--|------------|---------|------------|----|-----------|----|
| | | Standard | | 800E-2X10 | 10 | 800E-3X10 | 10 |
| Low voltage | | 800E-2X01 | 10 | 800E-3X01 | 10 | | |
| | | 800E-2X10V | 10 | 800E-3X10V | 10 | | |
| | | 800E-2X01V | 10 | 800E-3X01V | 10 | | |

Contact Blocks including Latches

| | | Standard | Contact | Cat. No. | PQ | Cat. No. | PQ |
|--|--|----------|---------|------------|----|------------|----|
| | | | | 800E-2LX10 | 1 | 800E-3LX10 | 1 |
| | | | | 800E-2LX01 | 1 | 800E-3LX01 | 1 |
| | | | | 800E-2LX11 | 1 | 800E-3LX11 | 1 |
| | | | | 800E-2LX20 | 1 | 800E-3LX20 | 1 |
| | | | | 800E-2LX02 | 1 | 800E-3LX02 | 1 |

① Key operated selector switch operators protection class IP66, Type 4/13

PQ = Package Quantity

- Contact Blocks - Page 11-73
- Accessories - Page 11-78
- Specifications - Page 11-116
- Dimensions - Page 11-120

Key Operated Selector Switch Operators, 3 Positions





800- **EQ** – **KM3** **R** **2**

a *b* *c* *d* *e*

a

| Operator Type | |
|---------------|------------------|
| Code | Description |
| EQ | Plastic operator |

b

| Operator Function | | |
|-------------------|--|--|
| Code | Description | |
| KM3 | Maintained 60° |  |
| KR3 | Spring return form right (Switch Angle 60°) |  |
| KL3 | Spring return from left (Switch Angle 60°) |  |
| KB3 | Spring return from left and right (Switch Angle 60°) |  |

c

| Key Lock Type | |
|---------------|-------------|
| Code | Description |
| R | Ronis |
| Z | Zadi |

d

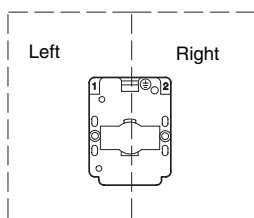
| Control Knob Position ③ | |
|-------------------------|----------------|
| Code | Description |
| 1 | Left |
| 2 | Right |
| 3 | all positions |
| 4 | Middle |
| 5 | Left + Middle |
| 6 | Left + Right |
| 7 | Right + Middle |

e

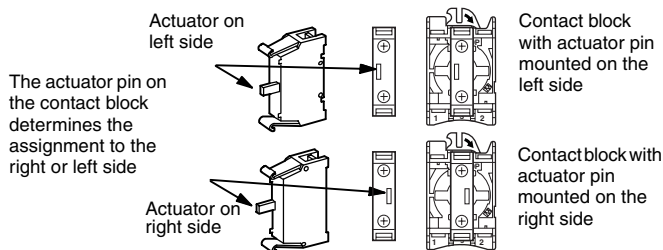
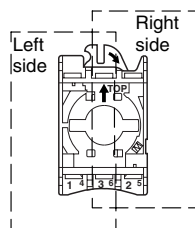
| Key Lock "Ronis" | | Key Lock "Zadi" | |
|------------------|---------|-----------------|---------|
| Code | Key No. | Code | Key No. |
| Blank | 3825 | Blank | 006 |
| R | 455 | 01Z | 001 |
| 01R | 3801 | 02Z | 002 |
| 02R | 3802 | 03Z | 003 |
| 03R | 3803 | 04Z | 004 |
| 04R | 3804 | 05Z | 005 |
| 05R | 3805 | 07Z | 007 |
| 06R | 3806 | 08Z | 008 |
| 27R | 4001 | 09Z | 009 |
| 28R | 4002 | 10Z | 010 |
| 29R | 4003 | 11Z | 011 |
| 30R | 4004 | 12Z | 012 |
| 31R | 4005 | 13Z | 012 |
| 32R | 4006 | 14Z | 014 |
| 33R | 4007 | — | — |

Spare keys see page 11-69

2-Across Latch



3-Across Latch



| Options | Cat. No. Suffix | Description | Ordering Example |
|----------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ⊆ Single package (1 piece standard delivery) | 800EQ-KM3R1 |
| | -BP | ⊆ Package of 10 pieces | 800EQ-KM3R1-BP |

③ Control knob position only possible in maintained position

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Reset Operators



| Colour | Text | Flush | |
|-------------------------------|---------------------|---|----|
| | | Black Plastic Front Ring | |
| | | Cat. No. | PQ |
| red blue blue no cap | RESET RESET R | 800EQ-R407W 800EQ-R607W 800EQ-R611W 800EQ-R9 | 1 |

Colour cap see page 11-91



Reset Rods



| Reset Rod Length [mm] | Adjustable Length [mm] | Reset Rods with Reset Plate Ø 12.6 mm | | Reset Rods with Reset Plate Ø 35 mm | |
|--------------------------|---------------------------|--|----|--|----|
| | | Cat. No. | PQ | Cat. No. | PQ |
| 36 | 34...52 | 800E-ATR01 | 1 | 800E-ATR01L | 1 |
| 51 | 50...67 | 800E-ATR02 | | 800E-ATR02L | |
| 66 | 65...83 | 800E-ATR03 | | 800E-ATR03L | |
| 81 | 80...98 | 800E-ATR04 | | 800E-ATR04L | |
| 97 | 95...113 | 800E-ATR05 | | 800E-ATR05L | |
| 112 | 110...128 | 800E-ATR06 | | 800E-ATR06L | |
| 127 | 126...144 | 800E-ATR07 | | 800E-ATR07L | |
| 142 | 141...159 | 800E-ATR08 | | 800E-ATR08L | |
| 312 | 34...326 ① | 800E-ATR19 | | 800E-ATR19L | |

① Detachable rods available in any length (thread continuous)














PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Contact Blocks, Lamp and Transformer Elements

Contact Blocks, Lamp and Transformer Elements for Front Mounting (3 Across)




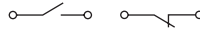
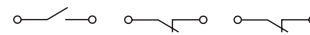
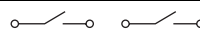
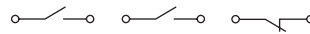















| | Description | | Cat. No. | PQ | | |
|---|---|--|----------------|------------------|---|-----------|
|  | Plastic Latch • 3 across elements snap-on | | 800E-A3L | 10 | | |
|  | N.O. |  | 800E-3X10 | 10 | | |
| | N.C. |  | 800E-3X01 | | | |
| | N.O.E.M. |  | 800E-3X10E | | | |
| | N.C.L.B. |  | 800E-3X01L | | | |
| | N.O. (Low voltage) gold plated contacts | | 800E-3X10V | | | |
| | N.C. (Low voltage) gold plated contacts | | 800E-3X01V | | | |
|  | Standard |  max. 250 V | 800E-3D0 | 10 | | |
| | With diode and resistor ❶ |  240 VAC | 800E-3R7 | | | |
|  | Central lamp check |  | 800E-3DD0 | 10 | | |
| | With diode and resistor ❶ |  240 VAC | 800E-3RDD7 | | | |
|  | | | primary | secondary | 1 | |
| | 120 V | 50/60 Hz | 6 V | 1.2 VA | | 800E-3T5 |
| | 240 V | 50/60 Hz | 6 V | 1.2 VA | | 800E-3T7 |
| | 400 V | 50/60 Hz | 6 V | 1.2 VA | | 800E-3T10 |
| | 440/480 | 50/60 Hz | 6 V | 1.2 VA | | 800E-3T12 |
| | 600 V | 50/60 Hz | 6 V | 1.2 VA | | 800E-3T14 |
| | 240 V | 50/60 Hz | 24 V | 1.2 VA | | 800E-3TH7 |
| 400 V | 50/60 Hz | 24 V | 1.2 VA | 800E-3TH10 | | |

❶ The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Usage with LEDs not possible

PQ = Package Quantity









Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Pre-Assembled Back-of-Panel Components (Latch Included)

| | Description | Cat. No. | PQ |
|---|---|--------------|----|
|  | N.O.  | 800E-3LX10 | 1 |
| | N.C.  | 800E-3LX01 | |
| | N.O. - N.C.  | 800E-3LX11 | |
| | N.O. - N.C. - N.C.  | 800E-3LX12 | |
| | N.O. - N.O.  | 800E-3LX20 | |
| | N.O. - N.O. - N.C.  | 800E-3LX21 | |
|  |   max. 250 V | 800E-3DL0X10 | 1 |
| |   max. 250 V | 800E-3DL0X01 | |
| |    max. 250 V | 800E-3DL0X11 | |
| |    max. 250 V | 800E-3DL0X20 | |
| Lamp Element |   ② max. 250 V | 800E-3DL0 | 1 |
| |   ① 240 VAC | 800E-3RL7 | |

Lamp and Contact Elements
 • Please order incandescent lamps or LEDs separately

Back of Panel Components for Base Mounting (3 Across)

| | | | |
|---|---|-------------|----|
|  | N.O.  | 800E-3BX10 | 10 |
| | N.C.  | 800E-3BX01 | |
| | N.O.E.M.  | 800E-3BX10E | |
| | N.C.L.B.  | 800E-3BX01L | |
|  | Standard ②  max. 250 V | 800E-3DB0 | 10 |
| | With diode and resistor ①  240 VAC | 800E-3RB7 | |

① The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. Lamp is included. Usage with LEDs not possible

② Please order incandescent lamps or LEDs separately








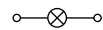

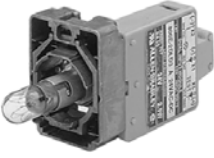
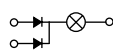

PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Contact Blocks, Lamp and Transformer Elements

Product Selection: Contact Blocks, Lamp and Transformer Elements for Front Mounting (2 Across)

| | Description | Cat. No. | PQ | | |
|---|---|---|--------------------------|------------|---|
|  | Metal Latch • 2 across snap on | 800E-A2L | 10 | | |
|  | Contact Blocks Screw-down • max. 3 across | N.O.  | 800E-2X10 | | |
| | | N.C.  | 800E-2X01 | | |
| | | N.O.E.M.  | 800E-2X10E | | |
| | | N.C.L.B.  | 800E-2X01L | | |
| | | N.O. (Low voltage) gold plated contacts | 800E-2X10V | | |
| | | N.C. (Low voltage) gold plated contacts | 800E-2X01V | | |
|  | Lamp Elements (incl. Latch) | Standard ②  | 800E-2DL0 | | |
| | | With resistor ①  120 VAC 240 VAC | 800E-2RL5 800E-2RL7 | | |
|  | Lamp Element with Central Lamp Check (incl. Latch) • Incandescent lamp included | With central lamp check  24 VAC 120 VAC | 800E-2DDL3 800E-2DDL5 | 1 | |
|  | Transformer Element 50/60 Hz with Lamp Element (incl. Latch) • Please order incandescent lamps or LEDs separately | primary | secondary | | |
| | | 110...120 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL5 | 1 |
| | | 208 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL6 | |
| | | 220...240 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL7 | |
| | | 400 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL10 | |
| | | 440/480 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL12 | |
| 600 V 50/60 Hz | 6 V 1.2 VA | 800E-2TL14 | | | |
| | Dove Tail Interlock | 800E-A2DT | 100 | | |
| | Ground Screw Kit | 800E-AGS1 | 10 | | |

① The 240 VAC lamp module halves the voltage and allows the usage of a 130 VAC incandescent lamp. The 120 VAC lamp module reduces the voltage by 10 % and extends the lifespan in this way. The incandescent lamp is included. Usage with LEDs not possible

② Please order incandescent lamps or LEDs separately


PQ = Package Quantity

Incandescent Lights, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Enclosures for Base Mounting Empty with Metric Screwing


Enclosures for Base Mounting Plastic

Protection class IP 66

| | Type ①②③ | Number of Holes | Only for Base Mounting ④ | |
|---|--|-----------------|--------------------------|----|
| | | | Cat. No. | PQ |
|  | Plastic Gray Empty with ø 22.5 mm mounting holes 2 cable entry holes, one ø 21.5 mm knock-out cable entry above and one cable gland below | 1 | 800E-1PM | 1 |
| | | 2 | 800E-2PM | |
| | | 3 | 800E-3PM | |
| | | 5 | 800E-5PM | |
| | | | | |
| | Plastic Yellow Empty with ø 22.5 mm mounting holes | 1 | 800E-1PYM | 1 |
| | | 2 | 800E-2PYM | |
| | | 3 | 800E-3PYM | |
| | | 5 | 800E-5PYM | |
| | | | | |

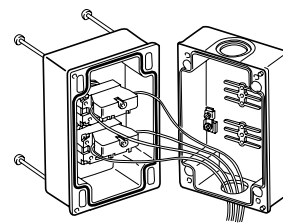
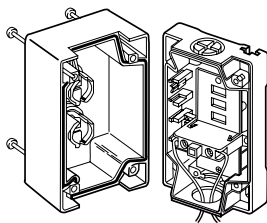
Enclosures for Base Mounting Aluminium

Protection class IP 66

| | Type ③ ④ | Number of Holes | With Base Mounting Adapter ⑤⑥ | | Without Base Mounting Adapter | |
|--|---|-----------------|-------------------------------|----|-------------------------------|----|
| | | | Cat. No. | PQ | Cat. No. | PQ |
|  | Aluminium painted grey Empty with ø 22.5 mm mounting holes and spacer 2 cable entry holes ø 23 mm | 1 | 800E-1MM | 1 | 800E-1LM | 1 |
| | | 2 | 800E-2MM | | 800E-2LM | |
| | | 3 | 800E-3MM | | 800E-3LM | |
| | | 5 | 800E-5MM | | 800E-5LM | |
| | | | | | | |
| | Aluminium painted grey Empty with ø 22.5 mm mounting holes and spacer | 1 | 800E-1MYM | 1 | 800E-1LYM | 1 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

For Base Mounting only ⑤⑥


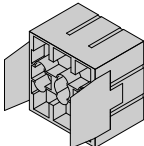
Front or Base Mounting with Adapter, Cat. No. 800E-A3BA



11


- ① Legend plate for enclosure Cat. No. 800E-19AE100
- ② Usage of legend plates with base mounting contacts not possible. Alternative: Colour caps with symbols
- ③ If legend plates are prescribed, the enclosure must horizontally be mounted and elements with latch must be used
- ④ Transformer elements for latch or 2 across contact blocks are not possible
- ⑤ Base mounted contact blocks may not be mounted in center position

Accessories for Base Mounting Enclosures

| | Description | Cat. No. | PQ |
|---|--|-----------|----|
|  | Ground Screw Kit for use in plastic enclosures only | 800E-AGS2 | 10 |
|  | Spacer for fixing the base mounting elements in enclosures (only as a spare part) | 800E-A3BA | 10 |

Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control Enclosures

| | Type | Description | Enclosure Colour | Diffuser Text | Contact Block | Cat. No. | PQ | | | |
|--|---|---|---|---------------|-----------------|-------------|-----------|-------------|-----------|---|
|  | Control Enclosures without unit | One control point on the front | black | blank | — | 800E-P12 | 1 | | | |
| | | Two control points on the front | | | | 800E-P22 | 1 | | | |
| | | One control point on the bottom | | | | 800E-P32 | 1 | | | |
| | | One control point on the front and one on the bottom | | | | 800E-P42 | 1 | | | |
| | | One control point on the front | yellow | | | blank | — | 800E-P15 | 1 | |
| | | Two control points on the front | | | | | | 800E-P25 | 1 | |
| | | One control point on the bottom | | | | | | 800E-P35 | 1 | |
| | | One control point on the front and one on the bottom | | | | | | 800E-P45 | 1 | |
| | Control Enclosure with mini rapid action coupling and 2 built-in control units on the front | | | yellow | ↑, ↓ | | | N.O. - N.O. | 800E-P251 | 1 |
| | | | | | FORWARD-REVERSE | | | N.O. - N.O. | 800E-P252 | 1 |
| | | | | | ON-OFF | | | N.O. - N.C. | 800E-P253 | 1 |
| | | | | | START-STOP | | | N.O. - N.C. | 800E-P254 | 1 |
| | | | | | Diffuser blank | N.O. - N.O. | 800E-P255 | 1 | | |
| | Control enclosure with 24 VAC/DC mini quick change | | Momentary illuminated push buttons (raised, red LED) bottom Without control units on the front | yellow | blank | N.O. | 800E-PN1 | 1 | | |
| Indicating units (red LED) bottom. Front push button (flush, green) | | | 800E-PN2 | | | | 1 | | | |
| DeviceNet™ Control enclosures with 24 VAC/DC mini quick change | | Momentary illuminated push buttons (raised, red LED) bottom Without control units on the front | 800E-PND1 | | | | 1 | | | |
| | | Indicating units (red LED) bottom. Front push button (flush, green) | 800E-PND2 | | | | 1 | | | |

Specifications

| | | | | | | | | | |
|--------------------------------------|----------|--|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| Rated Operating Current | [mA] | 50 RMS, 100 peak @ 24V DC | | | | | | | |
| Rated Operating Voltage | DC [V] | 11...25 | | | | | | | |
| Approvals | | UL listed, cUL certified, and CE | | | | | | | |
| Protection Class | | IP66 (IEC 529)/Type 4/4X/13 | | | | | | | |
| Connection | | 5-pole mini quick change | | | | | | | |
| Ambient Temperature Operation | [°C(°F)] | -25 ... +55 (-13 ... +131) | | | | | | | |
| Shock Resistance | | 50 G, 1/2 sinus wave for 11 ms | | | | | | | |
| Vibration Resistance | | 10...2000 Hz, 0.76 mm shifting (peak-peak) max. 5 G max. | | | | | | | |
| Input / Output Status | | Bit 0 | Bit 1 | Bit 2 | Bit 3 | Bit 4 | Bit 5 | Bit 6 | Bit 7 |
| Input byte | | Input | occupied | occupied | Output status | — | — | — | — |
| Output byte | | Output active | — | — | — | — | — | — | — |

Quick Change







| Standard, 4-pole Mini Quick Change with Cable | | | DeviceNet™, 5-pole Mini- Quick Change with Cable | | |
|---|---------------|----|--|--------------|----|
| Length | Cat. No. | PQ | Length | Cat. No. | PQ |
| 1.8 m | 889N-F4AF-6F | 1 | 1 m | 1485R-P1N5-C | 1 |
| 3.7 m | 889N-F4AF-12F | 1 | 2 m | 1485R-P2N5-C | 1 |
| 6.1 m | 889N-F4AF-20F | 1 | 3 m | 1485R-P3N5-C | 1 |

Additional cables see sensor catalogue C114 and DN-2.15 DeviceNet™ catalogue.






PQ = Package Quantity

Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Locking Attachments





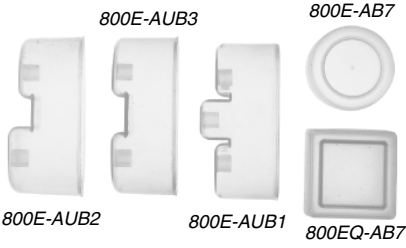
| | Description | Cat. No. | PQ | |
|---|---|--|-----------------|-----------|
|  | Locking Attachment for Flush Non-illuminated Push Buttons <ul style="list-style-type: none"> For flush non-illuminated push buttons Usage: The operator is fastened in actuated position. N.C. contacts are open. N.O. contacts can be opened or closed. N.C.L.B. contacts can be opened or closed. N.O.E.M. contacts are closed | 800E-AFL1 | 1 | |
|  | Locking Attachment for Raised Non-illuminated Push Buttons <ul style="list-style-type: none"> Usage: The operator is fastened in actuated position. N.C. contacts are open. N.O. contacts can be opened or closed. N.C.L.B. contacts can be opened or closed. N.O.E.M. contacts are closed | 800E-AEL1 | 1 | |
| | Description | Locking in Position | Cat. No. | PQ |
|  | Locking Attachment <ul style="list-style-type: none"> For two position selector switch operators | Right | 800E-ASL2R | 1 |
| | | Left | 800E-ASL2L | |
| | | Right 90° | 800E-ASL2NR | |
|  | Locking Attachment <ul style="list-style-type: none"> For three position selector switch operators | Left | 800E-ASL3L | 1 |
| | | Middle | 800E-ASL3C | |
| | | Rights | 800E-ASL3R | |
| | | Left and middle | 800E-ASL3LC | |
| | | Right and middle | 800E-ASL3RC | |
| | Description | For Type | Cat. No. | PQ |
|  | Locking Attachment <ul style="list-style-type: none"> For mushroom operator Usage: The non illuminated mushroom operator is fastened in actuated position. N.C. contacts are open. N.O. contacts can be opened or closed. N.C.L.B. contacts can be opened or closed. N.O.E.M. contacts are closed | 800EM-M1, -M2, -M3, -M4, -M5, -M6 800EB-M1, -M2, -M3, -M4, -M5, -M6 800EP-M1, -M2, -M3, -M4, -M5, -M6 800ES-M1, -M2, -M3, -M4, -M5, -M6 | 800E-AML1 | 1 |
| | | 800EM-MP, -LM, -LMP 800ES-MP, -LM, -LMP | 800E-AML2 | |
| | | 800EM-MTS3, -MTS4 800EP-MTS3, -MTS4 | 800E-AML3 | |
| | | 800EM-MT, 800EB-MT 800EP-MT, 800ES-MT | 800E-AML4 | |
|  | Locking Attachment with Locking Cover <ul style="list-style-type: none"> For momentary and maintained operators, flush, raised or with raised front ring For selector switch operators with knob Potentiometer drive operators | 800E-AL01 | 1 | |

PQ = Package Quantity


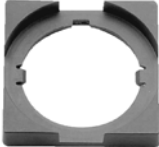



| | Description | Type | Cat. No. | PQ |
|---|---|---------------------|------------|----|
|  | Front Ring Transparent <ul style="list-style-type: none"> Spare part for all round, illuminated Bulletin 800E control devices | Plastic transparent | 800E-ALB1 | 10 |
|  | Plastic Protection Usage: <ul style="list-style-type: none"> 40 mm Emergency stop (SEMI conform) 40 mm illuminated / non-illuminated as well as momentary and maintained front elements 60 mm illuminated / non-illuminated momentary front elements | yellow | 800E-A6PR5 | 1 |
| | | black | 800E-A6PR2 | |
|  | Metal Protection <ul style="list-style-type: none"> Illuminated push buttons | Shiny metal | 800E-ALG1 | 10 |
|  | 40 mm Protective Ring <ul style="list-style-type: none"> For non-illuminated or illuminated mushroom operators only, 2 position push-pull | Shiny metal | 800E-AMRG | 1 |
|  | 40 mm Protective Ring <ul style="list-style-type: none"> For non-illuminated or illuminated mushroom operators only, 2 position push-pull | Shiny metal | 800E-AMMG | 10 |

PQ = Package Quantity

Bulletin 800E
Control and Indicating Devices
Accessories


| | Description | Type | Cat. No. | PQ | |
|---|---|--------------------|-----------|-----------|----|
|  | Adapter Ring <ul style="list-style-type: none"> The adapter ring allows a ø 22.5 mm control and indicator unit to be installed into a panel with existing ø 30 mm mounting holes | Shiny metal | 800E-AHA1 | 1 | |
| | | Black Metal | 800E-AHA2 | | |
|  800E-AR1 800E-AR3 800E-AR2 | Mounting Ring Nut (Only as Spare Part) <ul style="list-style-type: none"> For fixing the front elements | Plastic | 800E-AR1 | 10 | |
| | | Metal | 800E-AR2 | | |
|  800E-AR1 800E-AR2 | Special Front Ring for Thick Panels | Metal | 800E-AR3 | 10 | |
|  | Square Hole Plug <ul style="list-style-type: none"> To close spare holes | black | 800EQ-N2 | 1 | |
| | | gray | 800EQ-N8 | | |
| | Round Hole Plug <ul style="list-style-type: none"> To close spare holes | black | 800E-N2 | 1 | |
| | | gray | 800E-N8 | | |
|  800E-AUB3 800E-AB7 800E-AUB2 800E-AUB1 800EQ-AB7 | Sealing cap <ul style="list-style-type: none"> For multi-function operators | flush | IP66 | 800E-AUB3 | 10 |
| | | Pos. A or C raised | IP66 | 800E-AUB2 | |
| | | Pos. B raised | IP66 | 800E-AUB1 | |
| | <ul style="list-style-type: none"> For push button square | flush | IP66 | 800EQ-AB7 | 10 |
| | <ul style="list-style-type: none"> For push button round | flush | IP66 | 800E-AB7 | 10 |
| <ul style="list-style-type: none"> For flush and illuminated push buttons | flush | IP66 | 800E-ABE7 | 10 | |

PQ = Package Quantity


| | Description | Type | Cat. No. | PQ |
|---|--|----------|-----------|----|
|  | Mounting Ring Wrench <ul style="list-style-type: none"> To tighten the securing nut | Plastic | 800E-AW2 | 1 |
|  | Square Front Ring <ul style="list-style-type: none"> With square look For round plastic front element | | 800E-ABZ1 | 10 |
|  | Lens / Bulb Removal Tool <ul style="list-style-type: none"> To exchange incandescent or neon lamps For fixing the lens cap | Plastic | 800E-ALR1 | 1 |
|  | Anti-Twisting Washer <ul style="list-style-type: none"> Prevents twisting of the front elements for bore holes without anti-twisting cam cut out | Metal | 800E-ALC1 | 10 |
|  | Spare Resistor Element | 150 Ω | 800E-AC1 | 1 |
| | | 500 Ω | 800E-AC2 | |
| | | 1 000 Ω | 800E-AC3 | |
| | | 2 500 Ω | 800E-AC4 | |
| | | 5 000 Ω | 800E-AC5 | |
| | | 10 000 Ω | 800E-AC6 | |

PQ = Package Quantity


Incandescent Lamps

| | Description | Current Consumption | Voltage | ANSI Number | Cat. No. | PQ |
|---|--|---------------------|-----------|-------------|-----------|----|
|  | Incandescent Lamp • With lamp module | 150 mA | 6 AC/DC | 755 | 800E-N65 | 10 |
| | | 80 mA | 12 AC/DC | 756 | 800E-N141 | |
| | | 70 mA | 24 AC/DC | 757 | 800E-N157 | |
| | | 50 mA | 48 AC/DC | 1835 | 800E-N48 | |
| | • With transformer module • Flashing • Resistor module | 150 mA | 6 AC | 755 | 800E-N65 | |
| | | 150 mA | 6 AC | 267 | 800E-N212 | |
| | | 20 mA | 130 AC/DC | 949 | 800E-N130 | |
| | | | | | | |

Neon Lamps

| | Description | Voltage | Cat. No. | PQ |
|---|------------------------------------|---------------|-----------|----|
|  | Neon Lamp • BA 9s socket | 110...127 VAC | 800E-N230 | 10 |
| | | 220...240 V | 800E-N240 | 10 |

LEDs






| | Description | Current Consumption ❶ | Voltage | Leaking Current | Cat. No. | PQ |
|---|--|-----------------------|-----------|-----------------|---------------|----|
|  | LED • With lamp module • BA 9s socket | 14 mA/48 mA | 6 AC/DC | 14 mA | 800E-N65x ❷ | 1 |
| | | 13 mA/22 mA | 12 AC/DC | 3.5 mA | 800E-N141x ❷ | |
| | | 13 mA/21 mA | 24 AC/DC | 3.5 mA | 800E-N157x ❷ | |
| | | 12 mA/17 mA | 32 AC/DC | 3 mA | 800E-N363x ❷ | |
| | | 9 mA/14 mA | 48 AC/DC | 3 mA | 800E-N48x ❷ | |
| | | 3.3 mA/6 mA | 120 AC | — | 800E-N169x ❷ | |
| | • With transformer module • 2 Hz flashing | 4.5 mA/6.2 mA | 130 AC/DC | 2.2 mA | 800E-N321x ❷ | |
| | | 14 mA/48 mA | 6 AC | 14 mA | 800E-N65x ❷ | |
| | | 18 mA | 24 AC/DC | — | 800E-N157Fx ❷ | |

❶ The current consumption depends on the LED colour. The first mA value applies to the green, white and blue LEDs, the second mA value applies to the red and yellow LEDs






❷ To complete the catalogue number exchange **x** by the desired colour: **Amber** (yellow), **Green**, **Red**, **Blue**, or **White**. White LEDs are available in 6V and 24 VAC/DC

PQ = Package Quantity

Legend Plate Carriers

| | Description | Type | Protection Class | Legend Plate | Cat. No. | PQ |
|--|--|------------|------------------|-------------------|----------|----|
|  | Legend Plate Carrier <ul style="list-style-type: none"> To carry legend plates | 30 x 40 mm | IP66 | Size 6.5 x 27 mm | 800E-110 | 10 |
|  | | 30 x 50 mm | IP66 | Size 16.5 x 27 mm | 800E-120 | 10 |
|  | Legend Plate Carrier <ul style="list-style-type: none"> To carry legend plates Rounded | 30 x 50 mm | IP65 | Size 15 x 26 mm | 800E-150 | 10 |
|  | Legend Plate Carrier <ul style="list-style-type: none"> Fixing with double sided scotch tape or with 2 screws | 48 x 18 mm | — | Size 15 x 44 mm | 800E-160 | 10 |
|  | Legend Plate Carrier for Multi-Function Operators <ul style="list-style-type: none"> To carry legend plates | 30 x 75 mm | IP65 | Size 15 x 26 mm | 800E-200 | 10 |

Legend Plates


| | Description | Protection class | for Legend Plate Carrier | Cat. No. | PQ |
|---|--|------------------|---|--------------|----|
|  | Legend Plate <ul style="list-style-type: none"> Plastic black, text white Size 6.5 x 27 mm | IP66 | Plastic 30 x 40 mm (Cat. No. 800E-110) | 800E-17BE100 | 10 |
|  | Legend Plate <ul style="list-style-type: none"> Plastic black, text white Size 16.5 x 27 mm | IP66 | Plastic 30 x 50 mm (Cat. No. 800E-120) | 800E-18BE100 | 10 |
|  | Legend Plate <ul style="list-style-type: none"> Aluminium, text black Size 15 x 26 mm | IP65 | Anodised metal 30 x 50 mm (Cat. No. 800E-150, -200) | 800E-30AE100 | 10 |
|  | Legend Plate <ul style="list-style-type: none"> Aluminium, text black Size 15 x 44 mm | IP65 | Anodised metal 48 x 18 mm (Cat. No. 800E-160) | 800E-20AE100 | 10 |
|  | Legend Plate for Enclosures <ul style="list-style-type: none"> Aluminium, text black Size 19 x 19 mm | IP66 | Can directly be fixed on the enclosure | 800E-19AE100 | 10 |

Additional legend plates with text and symbols see pages 11-101...11-103



if maintained push buttons are used, legend plate carriers 800E-110, 800E-120 or 800E-150 can not be used.

EMERGENCY STOP Rings

| | Description | Legend Text | ø 60 mm | | ø 90 mm. | |
|---|-------------|-----------------------|--------------|----|--------------|----|
| | | | Cat. No. | PQ | Cat. No. | PQ |
|  <p>EMERGENCY STOP Ring</p> <ul style="list-style-type: none"> • Blank • With legend text | | blank | 800E-15Y | 10 | 800E-16Y | 10 |
| | | German | 800E-15YG112 | | 800E-16YG112 | |
| | | English | 800E-15YE112 | | 800E-16YE112 | |
| | | French | 800E-15YF112 | | 800E-16YF112 | |
| | | Multi-lingual g, e, f | 800E-15YM112 | | 800E-16YM112 | |
| | | Dutch | 800E-15YD112 | | 800E-16YD112 | |
| | | Spanish | 800E-15YS112 | | 800E-16YS112 | |
| | | Italian | 800E-15YT112 | | 800E-16YT112 | |
| | | Swedish | 800E-15YW112 | | 800E-16YW112 | |
| | | Danish | 800E-15YA112 | | 800E-16YA112 | |
| | | Finnish | 800E-15HS112 | | 800E-16YH112 | |
| | | Icelandic | 800E-15YL112 | | 800E-16YL112 | |
| | | Norwegian | 800E-15YN112 | | 800E-16YN112 | |

PQ = Package Quantity

Colour Caps
Two colour Moulded



| | Colour Cap Flush White, Text Black | | Colour Cap Flush Black, Text White | | Colour Cap Flush Green, Text White | | Colour Cap Flush Red, Text White | | Colour Cap Flush Blue, Text White | |
|---------|------------------------------------|----|------------------------------------|----|------------------------------------|----|----------------------------------|----|-----------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| → ① | 800E-AF108B | 10 | 800E-AF208W | 10 | 800E-AF308W | 10 | — | 10 | — | 10 |
| I | 800E-AF106B | | 800E-AF206W | | 800E-AF306W | | — | | | |
| START | 800E-AF101B | | — | | 800E-AF301W | | — | | | |
| ON | 800E-AF103B | | — | | 800E-AF303W | | — | | | |
| RESET | — | | — | | — | | 800E-AF407W | | 800E-AF607W | |
| R | — | | — | | — | | — | | 800E-AF611W | |
| O | — | | 800E-AF205W | | — | | 800E-AF405W | | — | |
| STOP | — | | 800E-AF202W | | — | | 800E-AF402W | | — | |
| OFF | — | | 800E-AF204W | | — | | 800E-AF404W | | — | |
| FORWARD | 800E-AF109B | | 800E-AF209W | | — | | — | | — | |
| REVERSE | 800E-AF110B | | 800E-AF210W | | — | | — | | — | |
| ⓪ | 800E-AF119B | | 800E-AF219W | | — | | — | | — | |
| Ⓛ | 800E-AF120B | | 800E-AF220W | | — | | — | | — | |
| Ⓜ | 800E-AF121B | | 800E-AF221W | | — | | — | | — | |

① Rotation on 90° (→,↓,←,↑)

Colour Caps / Diffuser Caps with Symbols
Hot Stamped, According to DIN 30 600 and ISO R 369



| Symbol | Standard | Description | Colour Cap Flush Black, Symbol White | Colour Cap Flush White, Symbol Black | PQ | Diffuser for Illuminated Push Buttons, Symbol Black | Diffuser for Pilot Lights, Symbol Black |
|--------|----------------|---|--------------------------------------|--------------------------------------|----------------|---|---|
| | | | Cat. No. | Cat. No. | | Cat. No. | Cat. No. |
| → | ISO 1 | Linear Motion | — | — | 10 | 800E-AD2HY700B | 800E-AD3HY700B |
| ↔ | ISO 2 | Linear Motion in 2 directions | 800E-AF2HY701W | 800E-AF1HY701B | | 800E-AD2HY701B | 800E-AD3HY701B |
| → | ISO 4 | Limited linear motion | 800E-AF2HY704W | 800E-AF1HY704B | | 800E-AD2HY704B | 800E-AD3HY704B |
| ↔ | ISO 5 | Limited linear motion once there and back | 800E-AF2HY705W | 800E-AF1HY705B | | 800E-AD2HY705B | 800E-AD3HY705B |
| ↻ | DIN 100 ISO 7A | Rotation in direction of the arrow | 800E-AF2HY707W | 800E-AF1HY707B | | 800E-AD2HY707B | 800E-AD3HY707B |
| ↻ | ISO 7B | Relation in direction of the arrow | 800E-AF2HY708W | 800E-AF1HY708B | | 800E-AD2HY708B | 800E-AD3HY708B |
| ∞ | ISO 16 | Feed | 800E-AF2HY720W | 800E-AF1HY720B | | 800E-AD2HY720B | 800E-AD3HY720B |
| ∞ | ISO 26 | High speed | 800E-AF2HY728W | 800E-AF1HY728B | | 800E-AD2HY728B | 800E-AD3HY728B |
| + | ISO 28 | Increase a variable | 800E-AF2HY730W | 800E-AF1HY730B | | 800E-AD2HY730B | 800E-AD3HY730B |
| - | ISO 29 | Decrease a variable | 800E-AF2HY731W | 800E-AF1HY731B | | 800E-AD2HY731B | 800E-AD3HY731B |
| ⊞ | ISO 41 | Electric motor | 800E-AF2HY800W | 800E-AF1HY800B | | 800E-AD2HY800B | 800E-AD3HY800B |
| ⊞ | ISO 48 | Pumps in general | 800E-AF2HY807W | 800E-AF1HY807B | | 800E-AD2HY807B | 800E-AD3HY807B |
| ↻ | ISO 61 | Continuous regulation | — | — | | 800E-AD2HY900B | 800E-AD3HY900B |
| ↻ | ISO 62 | Continuous adjustment | 800E-AF2HY921W | 800E-AF1HY921B | | 800E-AD2HY921B | 800E-AD3HY921B |
| → ← | ISO 63A | Tighten terminals | 800E-AF2HY901W | 800E-AF1HY901B | 800E-AD2HY901B | — | |
| ← → | ISO 64A | Release | 800E-AF2HY903W | 800E-AF1HY903B | 800E-AD2HY903B | — | |
| →⊞← | ISO 65 | Brake on | 800E-AF2HY905W | 800E-AF1HY905B | 800E-AD2HY905B | — | |
| ←⊞→ | ISO 66 | Brake off | 800E-AF2HY906W | 800E-AF1HY906B | 800E-AD2HY906B | — | |
| ⊞ | DIN 267 | Automatic or semiautomatic cycle | — | — | 800E-AD2HY922B | 800E-AD3HY922B | |

Control and Indicating Devices

Accessories: Colour Caps / Diffusers - Round

Colour Caps / Diffuser Caps with Symbols, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| Symbol | Standard | Description | Colour Cap Flush Black, Symbol White | Colour Cap Flush White, Symbol Black | PQ | Diffuser for Illuminated Push Buttons, Symbol Black | PQ | Diffuser for Pilot Lights, Symbol Black | PQ |
|--------|--------------------|---------------------------------|--------------------------------------|--------------------------------------|----------------|---|----|---|----|
| | | | Cat. No. | Cat. No. | | Cat. No. | | Cat. No. | |
| | DIN 35 | Manual control | 800E-AF2HY908W | 800E-AF1HY908B | 10 | 800E-AD2HY908B | 10 | 800E-AD3HY908B | 10 |
| | ISO 69 | EIN | — | — | | 800E-AD2HY909B | | 800E-AD3HY909B | |
| | ISO 70 | OFF | — | — | | 800E-AD2HY910B | | 800E-AD3HY910B | |
| | ISO 71 | ON-OFF | — | — | | 800E-AD2HY919B | | — | |
| | ISO 72 | ON whilst push button depressed | — | — | | 800E-AD2HY920B | | — | |
| | ISO 5232 | START | — | — | | 800E-AD2HY925B | | — | |
| | DIN 46 ISO 74 | Disable | 800E-AF2HY913W | 800E-AF1HY913B | | 800E-AD2HY913B | | — | |
| | DIN 45 ISO 75 | Enable | 800E-AF2HY914W | 800E-AF1HY914B | | 800E-AD2HY914B | | — | |
| | ISO 91 | Shear pin | — | — | | — | | 800E-AD3HY850B | |
| | DIN 131 ISO 92 | Danger high voltage | — | — | | — | | 800E-AD3HY851B | |
| | ISO 93 | Caution | — | — | | — | | 800E-AD3HY852B | |
| | ISO 94 | Main switch | — | — | | — | | 800E-AD3HY853B | |
| | DIN 986 | Set-up | 800E-AF2HY855W | 800E-AF1HY855B | | 800E-AD2HY855B | | — | |
| | DIN 155 | Audible signal | 800E-AF2HY854W | 800E-AF1HY854B | | — | | 800E-AD3HY854B | |
| | ISO 101 | Coolant | 800E-AF2HY875W | 800E-AF1HY875B | | 800E-AD2HY875B | | — | |
| | ISO 139 ISO 102 | Light | — | — | | 800E-AD2HY876B | | — | |
| | DIN 256 ISO 104 | Filler | — | — | | 800E-AD2HY878B | | 800E-AD3HY878B | |
| | DIN 257 ISO 106 | Drain | — | — | | 800E-AD2HY880B | | 800E-AD3HY880B | |
| | DIN 258 ISO 105 | Overflow | — | — | | 800E-AD2HY881B | | 800E-AD3HY881B | |
| | DIN 175 ISO 107 | Lubrication | 800E-AF2HY882W | 800E-AF1HY882B | 800E-AD2HY882B | 800E-AD3HY882B | | | |
| | DIN 263 ISO 108 | Blowing | 800E-AF2HY883W | 800E-AF1HY883B | 800E-AD2HY883B | 800E-AD3HY883B | | | |
| | DIN 264 ISO 109 | Suction | 800E-AF2HY884W | 800E-AF1HY884B | 800E-AD2HY884B | 800E-AD3HY884B | | | |
| II | | Step 2 | 800E-AF2HY602W | 800E-AF1HY602B | 800E-AD2HY602B | — | | | |
| III | | Step 3 | 800E-AF2HY603W | 800E-AF1HY603B | 800E-AD2HY603B | — | | | |
| IV | | Step 4 | 800E-AF2HY604W | 800E-AF1HY604B | 800E-AD2HY604B | — | | | |
| V | | Step 5 | 800E-AF2HY605W | 800E-AF1HY605B | 800E-AD2HY605B | — | | | |
| R | | Reset | — | — | 800E-AD2HY924B | — | | | |



| Symbol | Standard | Description | Colour Cap Raised, Red, Symbol White | |
|--------|----------|-------------|--------------------------------------|----|
| | | | Cat. No. | PQ |
| | ISO 70 | OFF | 800E-AE4HY910W | 10 |

| Symbol | Standard | Description | Colour Cap Flush, Green, Symbol White | |
|--------|----------|-------------|---------------------------------------|----|
| | | | Cat. No. | PQ |
| II | | Step 2 | 800E-AF3HY602W | 10 |

PQ = Package Quantity

Colour Caps / Diffuser Caps with Text

Hot Stamped, According to DIN 30 600 and ISO R 369



| German | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text black | | Diffuser for Pilot Lights, Text black | |
|------------|---|----|---|----|---------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| EIN | — | 10 | 800E-AD2HG03B | 10 | 800E-AD3HG03B | 10 |
| AUS | 800E-AF2HG04W | | 800E-AD2HG04B | | 800E-AD3HG04B | |
| AUF | 800E-AF2HG12W | | 800E-AD2HG12B | | — | |
| AB | 800E-AF2HG13W | | 800E-AD2HG13B | | — | |
| ZU | 800E-AF2HG14W | | 800E-AD2HG14B | | — | |
| HEBEN | 800E-AF2HG15W | | 800E-AD2HG15B | | — | |
| SENKEN | 800E-AF2HG16W | | 800E-AD2HG16B | | — | |
| RECHTS | 800E-AF2HG17W | | 800E-AD2HG17B | | — | |
| LINKS | 800E-AF2HG18W | | 800E-AD2HG18B | | — | |
| VOR | 800E-AF2HG09W | | 800E-AD2HG09B | | — | |
| ZURUECK | 800E-AF2HG10W | | 800E-AD2HG10B | | — | |
| SCHNELL | 800E-AF2HG19W | | 800E-AD2HG19B | | — | |
| LANGSAM | 800E-AF2HG20W | | 800E-AD2HG20B | | — | |
| EINRICHTEN | 800E-AF2HG21W | | 800E-AD2HG21B | | — | |
| BETRIEB | 800E-AF2HG22W | | 800E-AD2HG22B | | 800E-AD3HG22B | |
| START | — | | 800E-AD2HE01B | | 800E-AD3HE01B | |
| STOP | — | | 800E-AD2HE02B | | 800E-AD3HE02B | |
| HAND | 800E-AF2HE23W | | 800E-AD2HE23B | | 800E-AD3HE23B | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | |
| ÖFFNEN | 800E-AF2HG05W | | — | | — | |
| SCHLIESSEN | 800E-AF2HG06W | — | — | | | |
| STÖRUNG | 800E-AF2HG27W | — | — | | | |
| | Colour Cap Flush White, Text Black | | | | | |
| | Cat. No. | | | | | |
| EIN | 800E-AF1HG03B | | | | | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| EIN | 800E-AF3HG03W | | | | | |
| | Colour Cap Flush Red, Text White | | | | | |
| | Cat. No. | | | | | |
| AUS | 800E-AF4HG04W | | | | | |
| | Colour Cap Raised Red, Text White | | | | | |
| | Cat. No. | | | | | |
| STOP | 800E-AE4HE02W | | | | | |
| AUS | 800E-AE4HG04W | | | | | |



| English | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text black | | Diffuser for Pilot Lights, Text Black | |
|---------|------------------------------------|----|---|----|---------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| ON | — | 10 | 800E-AD2HE03B | 10 | 800E-AD3HE03B | 10 |
| OFF | — | | 800E-AD2HE04B | | 800E-AD3HE04B | |
| UP | 800E-AF2HE12W | | 800E-AD2HE12B | | — | |
| DOWN | 800E-AF2HE13W | | 800E-AD2HE13B | | — | |
| CLOSE | 800E-AF2HE14W | | 800E-AD2HE14B | | — | |
| RAISE | 800E-AF2HE15W | | 800E-AD2HE15B | | — | |
| LOWER | 800E-AF2HE16W | | 800E-AD2HE16B | | — | |
| RIGHT | 800E-AF2HE17W | | 800E-AD2HE17B | | — | |
| LEFT | 800E-AF2HE18W | | 800E-AD2HE18B | | — | |
| FAST | 800E-AF2HE19W | | 800E-AD2HE19B | | — | |
| SLOW | 800E-AF2HE20W | | 800E-AD2HE20B | | — | |
| SET—UP | 800E-AF2HE21W | | 800E-AD2HE21B | | — | |

Control and Indicating Devices

Accessories: Colour Caps / Diffusers - Round

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| English (Continued) | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text black | | Diffuser for Pilot Lights, Text Black | |
|------------------------|---|----|--|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| RUN | 800E-AF2HE22W | 10 | 800E-AD2HE22B | 10 | 800E-AD3HE22B | 10 |
| START | — | | 800E-AD2HE01B | | 800E-AD3HE01B | |
| STOP | — | | 800E-AD2HE02B | | 800E-AD3HE02B | |
| HAND | 800E-AF2HE23W | | 800E-AD2HE23B | | 800E-AD3HE23B | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | |
| TRIP | 800E-AF2HE25W | | 800E-AD2HE25B | | 800E-AD3HE25B | |
| POWER ON | 800E-AF2HE26W | | 800E-AD2HE26B | | 800E-AD3HE26B | |
| FAULT | 800E-AF2HE27W | | 800E-AD2HE27B | | 800E-AD3HE27B | |
| OPEN | 800E-AF2HE05W | | 800E-AD2HE05B | | — | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| JOG | 800E-AF3HE38W | | | | | |
| | Colour Cap Raised Red, Text White | | | | | |
| | Cat. No. | | | | | |
| STOP | 800E-AE4HE02W | | | | | |
| OFF | 800E-AE4HE04W | | | | | |



| French | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | |
|------------|---|---------------|--|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| MARCHE | — | 10 | 800E-AD2HF03B | 10 | 800E-AD3HF03B | 10 |
| ARRET | 800E-AF2HF04W | | 800E-AD2HF04B | | 800E-AD3HF04B | |
| OUVRIER | 800E-AF2HF12W | | 800E-AD2HF12B | | — | |
| DESCENDRE | 800E-AF2HF13W | | 800E-AD2HF13B | | — | |
| FERMER | 800E-AF2HF14W | | 800E-AD2HF14B | | — | |
| MONTER | 800E-AF2HF15W | | 800E-AD2HF15B | | — | |
| DROITE | 800E-AF2HF17W | | 800E-AD2HF17B | | — | |
| GAUCHE | 800E-AF2HF18W | | 800E-AD2HF18B | | — | |
| AVANT | 800E-AF2HF09W | | 800E-AD2HF09B | | — | |
| ARRIERE | 800E-AF2HF10W | | 800E-AD2HF10B | | — | |
| RAPIDE | 800E-AF2HF19W | | 800E-AD2HF19B | | — | |
| LENT | 800E-AF2HF20W | | 800E-AD2HF20B | | — | |
| REGLER | 800E-AF2HF21W | | 800E-AD2HF21B | | — | |
| EN SERVICE | 800E-AF2HF22W | | 800E-AD2HF22B | | 800E-AD3HF22B | |
| START | — | | 800E-AD2HE01B | | 800E-AD3HE01B | |
| STOP | — | | 800E-AD2HE02B | | 800E-AD3HE02B | |
| MANUEL | 800E-AF2HF23W | | 800E-AD2HF23B | | 800E-AD3HF23B | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | |
| FAUTE | 800E-AF2HF27W | 800E-AD2HF27B | 800E-AD3HF27B | | | |
| | Colour Cap Flush White, Text Black | | | | | |
| | Cat. No. | | | | | |
| MARCHE | 800E-AF1HF03B | | | | | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| MARCHE | 800E-AF3HF03W | | | | | |
| ARRIERE | 800E-AF3HF10W | | | | | |
| | Colour Cap Flush Red, Text White | | | | | |
| | Cat. No. | | | | | |
| ARRET | 800E-AF4HF04W | | | | | |

PQ = Package Quantity

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| French (Continued) | Colour Cap Raised Red, Text White | |
|-----------------------|--------------------------------------|----|
| | Cat. No. | PQ |
| STOP | 800E-AE4HE02W | 10 |
| ARRET | 800E-AE4HF04W | |



| Italian | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | | |
|-------------|---|----|--|----|--|----|--|--|--|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | | |
| INSERIRE | — | 10 | 800E-AD2HT03B | 10 | 800E-AD3HT03B | 10 | | | |
| DISINSERIRE | 800E-AF2HT04W | | 800E-AD2HT04B | | 800E-AD3HT04B | | | | |
| APRIRE | 800E-AF2HT12W | | 800E-AD2HT12B | | — | | | | |
| DISCESA | 800E-AF2HT13W | | 800E-AD2HT13B | | — | | | | |
| CHIUDERE | 800E-AF2HT14W | | 800E-AD2HT14B | | — | | | | |
| SALITA | 800E-AF2HT15W | | 800E-AD2HT15B | | — | | | | |
| ABBASSARE | 800E-AF2HT16W | | 800E-AD2HT16B | | — | | | | |
| DESTRA | 800E-AF2HT17W | | 800E-AD2HT17B | | — | | | | |
| SINISTRA | 800E-AF2HT18W | | 800E-AD2HT18B | | — | | | | |
| AVANTI | 800E-AF2HT09W | | 800E-AD2HT09B | | — | | | | |
| INDIETRO | 800E-AF2HT10W | | 800E-AD2HT10B | | — | | | | |
| RAPIDO | 800E-AF2HT19W | | 800E-AD2HT19B | | — | | | | |
| LENTO | 800E-AF2HT20W | | 800E-AD2HT20B | | — | | | | |
| PREPARA | 800E-AF2HT21W | | 800E-AD2HT21B | | — | | | | |
| IN SERVIZIO | 800E-AF2HT22W | | 800E-AD2HT22B | | 800E-AD3HT22B | | | | |
| START | — | | 800E-AD2HE01B | | 800E-AD3HE01B | | | | |
| STOP | — | | 800E-AD2HE02B | | 800E-AD3HE02B | | | | |
| MANUALE | 800E-AF2HT23W | | 800E-AD2HT23B | | 800E-AD3HT23B | | | | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | | | | |
| | Colour Cap Flush White, Text Black | | | | | | | | |
| | Cat. No. | | | | | | | | |
| INSERIRE | 800E-AF1HT03B | | | | | | | | |
| | Colour Cap Flush Green, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| INSERIRE | 800E-AF3HT03W | | | | | | | | |
| | Colour Cap Flush Red, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| DISINSERIRE | 800E-AF4HT04W | | | | | | | | |
| | Colour Cap Raised Red, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| STOP | 800E-AE4HE02W | | | | | | | | |
| DISINSERIRE | 800E-AE4HT04W | | | | | | | | |

PQ = Package Quantity

Control and Indicating Devices

Accessories: Colour Caps / Diffusers - Round

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369



| Spanish | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | |
|-------------|---|----|---|----|---------------------------------------|----|--|--|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | |
| SUBIR | 800E-AF2HS12W | 10 | 800E-AD2HS12B | 10 | — | 10 | | |
| BAJAR | 800E-AF2HS13W | | 800E-AD2HS13B | | — | | | |
| DERECHA | 800E-AF2HS17W | | 800E-AD2HS17B | | — | | | |
| IZQUERDA | 800E-AF2HS18W | | 800E-AD2HS18B | | — | | | |
| ADELANTE | 800E-AF2HS09W | | 800E-AD2HS09B | | — | | | |
| ATRAS | 800E-AF2HS10W | | 800E-AD2HS10B | | — | | | |
| ARRANQUE | — | | 800E-AD2HS01B | | 800E-AD3HS01B | | | |
| PARO | 800E-AF2HS02W | | 800E-AD2HS02B | | 800E-AD3HS02B | | | |
| EN SERVICIO | 800E-AF2HS22W | | 800E-AD2HS22B | | 800E-AD3HS22B | | | |
| MANUAL | 800E-AF2HS23W | | 800E-AD2HS23B | | 800E-AD3HS23B | | | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | | | |
| | Colour Cap Flush White, Text Black | | | | | | | |
| | Cat. No. | | | | | | | |
| MARCHA | 800E-AF1HS03B | | | | | | | |
| | Colour Cap Flush Green, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| MARCHA | 800E-AF3HS03W | | | | | | | |
| | Colour Cap Flush Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| PARADA | 800E-AF4HS04W | | | | | | | |
| | Colour Cap Raised Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| PARO | 800E-AE4HS02W | | | | | | | |
| PARADA | 800E-AE4HS04W | | | | | | | |



11

| Swedish | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | |
|---------|--|----|---|----|---------------------------------------|----|--|--|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | |
| UPP | 800E-AF2HN12W | 10 | 800E-AD2HN12B | 10 | — | 10 | | |
| NER | 800E-AF2HN13W | | 800E-AD2HN13B | | — | | | |
| HOGER | 800E-AF2HN17W | | 800E-AD2HN17B | | — | | | |
| VANSTER | 800E-AF2HN18W | | 800E-AD2HN18B | | — | | | |
| FRAM | 800E-AF2HN09W | | 800E-AD2HN09B | | — | | | |
| BACK | 800E-AF2HN10W | | 800E-AD2HN10B | | — | | | |
| START | — | | 800E-AD2HE01B | | 800E-AD3HE01B | | | |
| STOP | — | | 800E-AD2HE02B | | 800E-AD3HE02B | | | |
| HAND | 800E-AF2HE23W | | 800E-AD2HE23B | | 800E-AD3HE23B | | | |
| AUTO | 800E-AF2HE24W | | 800E-AD2HE24B | | 800E-AD3HE24B | | | |
| | Colour Cap Raised Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| STOP | 800E-AE4HE02W | | | | | | | |
| OFF | 800E-AE4HE04W | | | | | | | |

Control and Indicating Devices

Accessories: Colour Caps / Diffuser Caps - Square

Colour Caps

Two Colour Moulded



| | Colour Cap Flush White, Text Black | | Colour Cap Flush Black, Text White | | Colour Cap Flush Green, Text White | | Colour Cap Flush Red, Text White | | Colour Cap Flush Blue, Text White | |
|---------|------------------------------------|----|------------------------------------|----|------------------------------------|----|----------------------------------|----|-----------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| → ① | 800EQ-AF108B | 10 | 800EQ-AF208W | 10 | 800EQ-AF308W | 10 | — | 10 | — | 10 |
| I | 800EQ-AF106B | | 800EQ-AF206W | | 800EQ-AF306W | | — | | — | |
| START | 800EQ-AF101B | | — | | 800EQ-AF301W | | — | | — | |
| ON | 800EQ-AF103B | | — | | 800EQ-AF303W | | — | | — | |
| RESET | — | | — | | — | | 800EQ-AF407W | | 800EQ-AF607W | |
| R | — | | — | | — | | — | | 800EQ-AF611W | |
| O | — | | 800EQ-AF205W | | — | | 800EQ-AF405W | | — | |
| STOP | — | | 800EQ-AF202W | | — | | 800EQ-AF402W | | — | |
| OFF | — | | 800EQ-AF204W | | — | | 800EQ-AF404W | | — | |
| FORWARD | 800EQ-AF109B | | 800EQ-AF209W | | — | | — | | — | |
| REVERSE | 800EQ-AF110B | | 800EQ-AF210W | | — | | — | | — | |
| ⊙ | 800EQ-AF119W | | 800EQ-AF219W | | — | | — | | — | |
| ⊕ | 800EQ-AF120W | | 800EQ-AF220W | | — | | — | | — | |
| ⊕ | 800EQ-AF121W | | 800EQ-AF221W | | — | | — | | — | |

① Rotation on 90° (→,↓,←,↑)

Colour Caps / Diffuser Caps with Symbols

Hot Stamped, According to DIN 30 600 and ISO R 369



| Symbol | Standard | Description | Colour Cap Flush black, Symbol White | | Diffuser for Illuminated Push Buttons, Symbol Black | | Diffuser for Pilot Lights, Symbol Black | |
|--------|----------------|---|--------------------------------------|----|---|----|---|----|
| | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| → | ISO 1 | Linear Motion | — | 10 | 800EQ-AD2HY700B | 10 | 800EQ-AD3HY700B | 10 |
| ↔ | ISO 2 | Linear Motion in 2 directions | 800EQ-AF2HY701W | | 800EQ-AD2HY701B | | 800EQ-AD3HY701B | |
| → | ISO 4 | Limited linear motion | 800EQ-AF2HY704W | | 800EQ-AD2HY704B | | 800EQ-AD3HY704B | |
| ↔ | ISO 5 | Limited linear motion once there and back | 800EQ-AF2HY705W | | 800EQ-AD2HY705B | | 800EQ-AD3HY705B | |
| ↻ | DIN 100 ISO 7A | Rotation in direction of the arrow | 800EQ-AF2HY707W | | 800EQ-AD2HY707B | | 800EQ-AD3HY707B | |
| ↻ | ISO 7B | Rotation in direction of the arrow | 800EQ-AF2HY708W | | 800EQ-AD2HY708B | | 800EQ-AD3HY708B | |
| ⋮ | ISO 16 | Feed | 800EQ-AF2HY720W | | 800EQ-AD2HY720B | | 800EQ-AD3HY720B | |
| ⋮ | ISO 26 | High speed | 800EQ-AF2HY728W | | 800EQ-AD2HY728B | | 800EQ-AD3HY728B | |
| + | ISO 28 | Increase a variable | 800EQ-AF2HY730W | | 800EQ-AD2HY730B | | 800EQ-AD3HY730B | |
| - | ISO 29 | Decrease a variable | 800EQ-AF2HY731W | | 800EQ-AD2HY731B | | 800EQ-AD3HY731B | |
| ⊞ | ISO 41 | Electric motor | 800EQ-AF2HY800W | | 800EQ-AD2HY800B | | 800EQ-AD3HY800B | |
| ⊞ | ISO 48 | Pumps in general | 800EQ-AF2HY807W | | 800EQ-AD2HY807B | | 800EQ-AD3HY807B | |
| ↻ | ISO 61 | Continuous regulation | — | | 800EQ-AD2HY900B | | 800EQ-AD3HY900B | |
| ↻ | ISO 62 | Continuous adjustment | 800EQ-AF2HY921W | | 800EQ-AD2HY921B | | 800EQ-AD3HY921B | |
| → ← | ISO 63A | Tighten terminals | 800EQ-AF2HY901W | | 800EQ-AD2HY901B | | — | |
| ← → | ISO 64A | Release | 800EQ-AF2HY903W | | 800EQ-AD2HY903B | | — | |
| →⊞← | ISO 65 | Brake on | 800EQ-AF2HY905W | | 800EQ-AD2HY905B | | — | |
| ←⊞→ | ISO 66 | Brake off | 800EQ-AF2HY906W | | 800EQ-AD2HY906B | | — | |
| ⊞ | DIN 267 | Automatic or semiautomatic cycle | — | | 800EQ-AD2HY922B | | 800EQ-AD3HY922B | |

Control and Indicating Devices

Accessories: Colour Caps / Diffuser Caps - Square

Colour Caps / Diffuser Caps with Symbols, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369



| Symbol | Standard | Description | Colour Cap Flush Black, Symbol White | | Diffuser for Illuminated Push Buttons, Symbol Black | | Diffuser for Pilot Lights, Symbol Black | |
|--------|--------------------|---------------------------------|--------------------------------------|----|---|----|---|----|
| | | | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| | DIN 35 | Manual control | 800EQ-AF2HY908W | | 800EQ-AD2HY908B | | 800EQ-AD3HY908B | |
| | ISO 69 | ON | — | | 800EQ-AD2HY909B | | 800EQ-AD3HY909B | |
| ○ | ISO 70 | OFF | — | | 800EQ-AD2HY910B | | 800EQ-AD3HY910B | |
| ⊖ | ISO 71 | ON-OFF | — | | 800EQ-AD2HY919B | | — | |
| ⊕ | ISO 72 | ON whilst push button depressed | — | | 800EQ-AD2HY920B | | — | |
| ⊙ | ISO 5232 | START | — | | 800EQ-AD2HY921B | | — | |
| | DIN 46 ISO 74 | Disable | 800EQ-AF2HY913W | | 800EQ-AD2HY913B | | — | |
| | DIN 45 ISO 75 | Enable | 800EQ-AF2HY914W | | 800EQ-AD2HY914B | | — | |
| | ISO 91 | Shear pin | — | | — | | 800EQ-AD3HY850B | |
| | DIN 131 ISO 92 | Danger high voltage | — | | — | | 800EQ-AD3HY851B | |
| ! | ISO 93 | Caution | — | | — | | 800EQ-AD3HY852B | |
| | ISO 94 | Main switch | — | | — | | 800EQ-AD3HY853B | |
| ● | DIN 986 | Set-up | 800EQ-AF2HY855W | 10 | 800EQ-AD2HY855B | 10 | — | 10 |
| | DIN 155 | Audible signal | 800EQ-AF2HY854W | | — | | 800EQ-AD3HY854B | |
| | ISO 101 | Coolant | 800EQ-AF2HY875W | | 800EQ-AD2HY875B | | — | |
| | ISO 139 ISO 102 | Light | — | | 800EQ-AD2HY876B | | — | |
| | DIN 256 ISO 104 | Filler | — | | 800EQ-AD2HY878B | | 800EQ-AD3HY878B | |
| | DIN 257 ISO 106 | Drain | — | | 800EQ-AD2HY880B | | 800EQ-AD3HY880B | |
| | DIN 258 ISO 105 | Overflow | — | | 800EQ-AD2HY881B | | 800EQ-AD3HY881B | |
| | DIN 175 ISO 107 | Lubrication | 800EQ-AF2HY882W | | 800EQ-AD2HY882B | | 800EQ-AD3HY882B | |
| | DIN 263 ISO 108 | Blowing | 800EQ-AF2HY883W | | 800EQ-AD2HY883B | | 800EQ-AD3HY883B | |
| | DIN 264 ISO 109 | Suction | 800EQ-AF2HY884W | | 800EQ-AD2HY884B | | 800EQ-AD3HY884B | |
| II | | Step 2 | 800EQ-AF2HY602W | | 800EQ-AD2HY602B | | — | |
| III | | Step 3 | 800EQ-AF2HY603W | | 800EQ-AD2HY603B | | — | |
| IV | | Step 4 | 800EQ-AF2HY604W | | 800EQ-AD2HY604B | | — | |
| V | | Step 5 | 800EQ-AF2HY605W | | 800EQ-AD2HY605B | | — | |
| R | | Reset | — | | 800EQ-AD2HY924B | | — | |



| Symbol | Standard | Description | Colour Cap Raised Red, Symbol White | |
|--------|----------|-------------|-------------------------------------|----|
| | | | Cat. No. | PQ |
| ○ | ISO 70 | OFF | 800EQ-AE4HY910W | 10 |

11

Control and Indicating Devices

Accessories: Colour Caps / Diffuser Caps - Square

Colour Caps / Diffuser Caps with Text

Hot Stamped, According to DIN 30 600 and ISO R 369



| German | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | |
|------------|---|----|---|----|---------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| EIN | — | 10 | 800EQ-AD2HG03B | 10 | 800EQ-AD3HG03B | 10 |
| AUS | 800EQ-AF2HG04W | | 800EQ-AD2HG04B | | 800EQ-AD3HG04B | |
| AUF | 800EQ-AF2HG12W | | 800EQ-AD2HG12B | | — | |
| AB | 800EQ-AF2HG13W | | 800EQ-AD2HG13B | | — | |
| ZU | 800EQ-AF2HG14W | | 800EQ-AD2HG14B | | — | |
| HEBEN | 800EQ-AF2HG15W | | 800EQ-AD2HG15B | | — | |
| SENKEN | 800EQ-AF2HG16W | | 800EQ-AD2HG16B | | — | |
| RECHTS | 800EQ-AF2HG17W | | 800EQ-AD2HG17B | | — | |
| LINKS | 800EQ-AF2HG18W | | 800EQ-AD2HG18B | | — | |
| VOR | 800EQ-AF2HG09W | | 800EQ-AD2HG09B | | — | |
| ZURUECK | 800EQ-AF2HG10W | | 800EQ-AD2HG10B | | — | |
| SCHNELL | 800EQ-AF2HG19W | | 800EQ-AD2HG19B | | — | |
| LANGSAM | 800EQ-AF2HG20W | | 800EQ-AD2HG20B | | — | |
| EINRICHTEN | 800EQ-AF2HG21W | | 800EQ-AD2HG21B | | — | |
| BETRIEB | 800EQ-AF2HG22W | | 800EQ-AD2HG22B | | 800EQ-AD3HG22B | |
| START | — | | 800EQ-AD2HE01B | | 800EQ-AD3HE01B | |
| STOP | — | | 800EQ-AD2HE02B | | 800EQ-AD3HE02B | |
| HAND | 800EQ-AF2HE23W | | 800EQ-AD2HE23B | | 800EQ-AD3HE23B | |
| AUTO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | 800EQ-AD3HE24B | |
| | Colour Cap Flush White, Text Black | | | | | |
| | Cat. No. | | | | | |
| EIN | 800EQ-AF1HG03B | | | | | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| EIN | 800EQ-AF3HG03W | | | | | |
| | Colour Cap Flush Red, Text White | | | | | |
| | Cat. No. | | | | | |
| AUS | 800EQ-AF4HG04W | | | | | |
| | Colour Cap Raised Red, Text White | | | | | |
| | Cat. No. | | | | | |
| STOP | 800EQ-AE4HE02W | | | | | |
| AUS | 800EQ-AE4HG04W | | | | | |



| English | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | |
|---------|------------------------------------|----|---|----|---------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| ON | — | 10 | 800EQ-AD2HE03B | 10 | 800EQ-AD3HE03B | 10 |
| OFF | — | | 800EQ-AD2HE04B | | 800EQ-AD3HE04B | |
| UP | 800EQ-AF2HE12W | | 800EQ-AD2HE12B | | — | |
| DOWN | 800EQ-AF2HE13W | | 800EQ-AD2HE13B | | — | |
| CLOSE | 800EQ-AF2HE14W | | 800EQ-AD2HE14B | | — | |
| RAISE | 800EQ-AF2HE15W | | 800EQ-AD2HE15B | | — | |
| LOWER | 800EQ-AF2HE16W | | 800EQ-AD2HE16B | | — | |
| RIGHT | 800EQ-AF2HE17W | | 800EQ-AD2HE17B | | — | |
| LEFT | 800EQ-AF2HE18W | | 800EQ-AD2HE18B | | — | |
| FAST | 800EQ-AF2HE19W | | 800EQ-AD2HE19B | | — | |
| SLOW | 800EQ-AF2HE20W | | 800EQ-AD2HE20B | | — | |
| SET—UP | 800EQ-AF2HE21W | | 800EQ-AD2HE21B | | — | |

PQ = Package Quantity

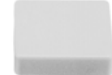
Control and Indicating Devices

Accessories: Colour Caps / Diffuser Caps - Square

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| English (Continued) | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | |
|------------------------|---|----|--|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| RUN | 800EQ-AF2HE22W | 10 | 800EQ-AD2HE22B | 10 | 800EQ-AD3HE22B | 10 |
| START | — | | 800EQ-AD2HE01B | | 800EQ-AD3HE01B | |
| STOP | — | | 800EQ-AD2HE02B | | 800EQ-AD3HE02B | |
| HAND | 800EQ-AF2HE23W | | 800EQ-AD2HE23B | | 800EQ-AD3HE23B | |
| AUTO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | 800EQ-AD3HE24B | |
| TRIP | 800EQ-AF2HE25W | | 800EQ-AD2HE25B | | 800EQ-AD3HE25B | |
| POWER ON | 800EQ-AF2HE26W | | 800EQ-AD2HE26B | | 800EQ-AD3HE26B | |
| FAULT | 800EQ-AF2HE27W | | 800EQ-AD2HE27B | | 800EQ-AD3HE27B | |
| OPEN | 800EQ-AF2HE05W | | 800EQ-AD2HE05B | | — | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| JOG | 800EQ-AF3HE38W | | | | | |
| | Colour Cap Raised Red, Text White | | | | | |
| | Cat. No. | | | | | |
| STOP | 800EQ-AE4HE02W | | | | | |
| OFF | 800EQ-AE4HE04W | | | | | |



| French | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | |
|------------|---|----------------|--|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| MARCHE | — | 10 | 800EQ-AD2HF03B | 10 | 800EQ-AD3HF03B | 10 |
| ARRET | 800EQ-AF2HF04W | | 800EQ-AD2HF04B | | 800EQ-AD3HF04B | |
| OUVRIER | 800EQ-AF2HF12W | | 800EQ-AD2HF12B | | — | |
| DESCENDRE | 800EQ-AF2HF13W | | 800EQ-AD2HF13B | | — | |
| FERMER | 800EQ-AF2HF14W | | 800EQ-AD2HF14B | | — | |
| MONTER | 800EQ-AF2HF15W | | 800EQ-AD2HF15B | | — | |
| DROITE | 800EQ-AF2HF17W | | 800EQ-AD2HF17B | | — | |
| GAUCHE | 800EQ-AF2HF18W | | 800EQ-AD2HF18B | | — | |
| AVANT | 800EQ-AF2HF09W | | 800EQ-AD2HF09B | | — | |
| ARRIERE | 800EQ-AF2HF10W | | 800EQ-AD2HF10B | | — | |
| RAPIDE | 800EQ-AF2HF19W | | 800EQ-AD2HF19B | | — | |
| LENT | 800EQ-AF2HF20W | | 800EQ-AD2HF20B | | — | |
| REGLER | 800EQ-AF2HF21W | | 800EQ-AD2HF21B | | — | |
| EN SERVICE | 800EQ-AF2HF22W | | 800EQ-AD2HF22B | | 800EQ-AD3HF22B | |
| START | — | | 800EQ-AD2HE01B | | 800EQ-AD3HE01B | |
| STOP | — | | 800EQ-AD2HE02B | | 800EQ-AD3HE02B | |
| MANUEL | 800EQ-AF2HF23W | | 800EQ-AD2HF23B | | 800EQ-AD3HF23B | |
| AUTO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | 800EQ-AD3HE24B | |
| FAUTE | 800EQ-AF2HF27W | 800EQ-AD2HF27B | 800EQ-AD3HF27B | | | |
| | Colour Cap Flush White, Text Black | | | | | |
| | Cat. No. | | | | | |
| MARCHE | 800EQ-AF1HF03B | | | | | |
| | Colour Cap Flush Green, Text White | | | | | |
| | Cat. No. | | | | | |
| MARCHE | 800EQ-AF3HF03W | | | | | |
| ARRIERE | 800EQ-AF3HF10W | | | | | |
| | Colour Cap Flush Red, Text White | | | | | |
| | Cat. No. | | | | | |
| ARRET | 800EQ-AF4HF04W | | | | | |

PQ = Package Quantity

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| French (Continued) | Colour Cap Raised Red, Text White | | PQ |
|-----------------------|--------------------------------------|--|----|
| | Cat. No. | | |
| STOP | 800EQ-AE4HE02W | | 10 |
| ARRET | 800EQ-AE4HF04W | | |



| Italian | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | | |
|-------------|---|----|--|----|--|----|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | | |
| INSERIRE | — | 10 | 800EQ-AD2HT03B | 10 | 800EQ-AD3HT03B | 10 | | | |
| DISINSERIRE | 800EQ-AF2HT04W | | 800EQ-AD2HT04B | | 800EQ-AD3HT04B | | | | |
| APRIRE | 800EQ-AF2HT12W | | 800EQ-AD2HT12B | | — | | | | |
| DISCESA | 800EQ-AF2HT13W | | 800EQ-AD2HT13B | | — | | | | |
| CHIUDERE | 800EQ-AF2HT14W | | 800EQ-AD2HT14B | | — | | | | |
| SALITA | 800EQ-AF2HT15W | | 800EQ-AD2HT15B | | — | | | | |
| ABBASSARE | 800EQ-AF2HT16W | | 800EQ-AD2HT16B | | — | | | | |
| DESTRA | 800EQ-AF2HT17W | | 800EQ-AD2HT17B | | — | | | | |
| SINISTRA | 800EQ-AF2HT18W | | 800EQ-AD2HT18B | | — | | | | |
| AVANTI | 800EQ-AF2HT09W | | 800EQ-AD2HT09B | | — | | | | |
| INDIETRO | 800EQ-AF2HT10W | | 800EQ-AD2HT10B | | — | | | | |
| RAPIDO | 800EQ-AF2HT19W | | 800EQ-AD2HT19B | | — | | | | |
| LENTO | 800EQ-AF2HT20W | | 800EQ-AD2HT20B | | — | | | | |
| PREPARARE | 800EQ-AF2HT21W | | 800EQ-AD2HT21B | | — | | | | |
| IN SERVIZIO | 800EQ-AF2HT22W | | 800EQ-AD2HT22B | | 800EQ-AD3HT22B | | | | |
| START | — | | 800EQ-AD2HE01B | | 800EQ-AD3HE01B | | | | |
| STOP | — | | 800EQ-AD2HE02B | | 800EQ-AD3HE02B | | | | |
| MANUALE | 800EQ-AF2HT23W | | 800EQ-AD2HT23B | | 800EQ-AD3HT23B | | | | |
| ATUO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | 800EQ-AD3HE24B | | | | |
| | Colour Cap Flush White, Text Black | | 10 | | | | 10 | | 10 |
| | Cat. No. | | | | | | | | |
| INSERIRE | 800EQ-AF1HT03B | | | | | | | | |
| | Colour Cap Flush Green, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| INSERIRE | 800EQ-AF3HT03W | | | | | | | | |
| | Colour Cap Flush Red, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| DISINSERIRE | 800EQ-AF4HT04W | | | | | | | | |
| | Colour Cap Raised Red, Text White | | | | | | | | |
| | Cat. No. | | | | | | | | |
| STOP | 800EQ-AE4HE02W | | | | | | | | |
| DISINSERIRE | 800EQ-AE4HT04W | | | | | | | | |

PQ = Package Quantity

Control and Indicating Devices

Accessories: Colour Caps / Diffuser Caps - Square

Colour Caps / Diffuser Caps with Text, Continued

Hot Stamped, According to DIN 30 600 and ISO R 369

| Spanish | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | |
|-------------|---|----|---|----|---------------------------------------|----|--|--|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | |
| SUBRIR | 800EQ-AF2HS12W | 10 | 800EQ-AD2HS12B | 10 | — | 10 | | |
| BAJAR | 800EQ-AF2HS13W | | 800EQ-AD2HS13B | | | | | |
| DERECHA | 800EQ-AF2HS17W | | 800EQ-AD2HS17B | | | | | |
| IZQUIERDA | 800EQ-AF2HS18W | | 800EQ-AD2HS18B | | | | | |
| ADELANTE | 800EQ-AF2HS09W | | 800EQ-AD2HS09B | | | | | |
| ATRAS | 800EQ-AF2HS10W | | 800EQ-AD2HS10B | | | | | |
| ARRANQUE | — | | 800EQ-AD2HS01B | | | | | |
| PARO | 800EQ-AF2HS02W | | 800EQ-AD2HS02B | | | | | |
| EN SERVICIO | 800EQ-AF2HS22W | | 800EQ-AD2HS22B | | | | | |
| MANUAL | 800EQ-AF2HS23W | | 800EQ-AD2HS23B | | | | | |
| AUTO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | | | | |
| | Colour Cap Flush White, Text Black | | | | | | | |
| | Cat. No. | | | | | | | |
| MARCHA | 800EQ-AF1HS03B | | | | | | | |
| | Colour Cap Flush Green, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| MARCHA | 800EQ-AF3HS03W | | | | | | | |
| | Colour Cap Flush Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| PARADA | 800EQ-AF4HS04W | | | | | | | |
| | Colour Cap Raised Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| PARO | 800EQ-AE4HS02W | | | | | | | |
| PARADA | 800EQ-AE4HS04W | | | | | | | |



| Swedish | Colour Cap Flush Black, Text White | | Diffuser for Illuminated Push Buttons, Text Black | | Diffuser for Pilot Lights, Text Black | | | |
|---------|--|----|---|----|---------------------------------------|----|--|--|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | | |
| UPP | 800EQ-AF2HN12W | 10 | 800EQ-AD2HN12B | 10 | — | 10 | | |
| NER | 800EQ-AF2HN13W | | 800EQ-AD2HN13B | | | | | |
| HOGER | 800EQ-AF2HN17W | | 800EQ-AD2HN17B | | | | | |
| VANSTER | 800EQ-AF2HN18W | | 800EQ-AD2HN18B | | | | | |
| FRAM | 800EQ-AF2HN09W | | 800EQ-AD2HN09B | | | | | |
| BACK | 800EQ-AF2HN10W | | 800EQ-AD2HN10B | | | | | |
| START | — | | 800EQ-AD2HE01B | | | | | |
| STOP | — | | 800EQ-AD2HE02B | | | | | |
| HAND | 800EQ-AF2HE23W | | 800EQ-AD2HE23B | | | | | |
| AUTO | 800EQ-AF2HE24W | | 800EQ-AD2HE24B | | | | | |
| | Colour Cap Raised Red, Text White | | | | | | | |
| | Cat. No. | | | | | | | |
| STOP | 800EQ-AE4HE02W | | | | | | | |
| OFF | 800EQ-AE4HE04W | | | | | | | |

PQ = Package Quantity

Control and Indicating Devices

Accessories: Colour Caps for Multi-Function Operators

Colour Caps for Non-Illuminated Multi-Function Operators



| | Position C, White | Position C, Green | Position A, White | Position A, Black | Position A, Green | Position A, Red | Position A Raised, Black | Position A Raised, Red |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|--------------------------|------------------------|
| | PQ = 10 | PQ = 10 | PQ = 10 | PQ = 10 | PQ = 10 | PQ = 10 | PQ = 10 | PQ = 10 |
| | Cat. No. | Cat. No. | Cat. No. | Cat. No. | Cat. No. | Cat. No. | Cat. No. | Cat. No. |
| | 800E-AFU1 | 800E-AFU3 | 800E-AFU1 | 800E-AFU2 | 800E-AFU3 | 800E-AFU4 | 800E-AEU2 | 800E-AEU4 |

Colour Caps for Multi-Function Operators with Symbols or Text

Tampon Printing



| Symbol | Position C Green, Symbol White | | Position A Green, Symbol White | | Position A Red, Symbol White | | Position A Raised Red, Symbol White | |
|--------|--------------------------------|----|--------------------------------|----|--------------------------------|----|---------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| → | 800E-AFUA3PY700W | 10 | — | | — | | — | |
| ← | — | | 800E-AFUA3PY700W | | — | | — | |
| + | 800E-AFUA3PY730W | | 800E-AFUA3PY730W | | — | | — | |
| — | 800E-AFUA3PY731W | | 800E-AFUA3PY731W | | — | | — | |
| | 800E-AFUA3PY909W | | 800E-AFUA3PY909W | 10 | — | 10 | — | 10 |
| | 800E-AFUA3PY602W | | 800E-AFUA3PY602W | | — | | — | |
| ↑ | 800E-AFUA3PY713W | | — | | — | | — | |
| ↓ | — | | 800E-AFUA3PY713W | | — | | — | |
| O | — | | — | | 800E-AFUA4PY910W | | 800E-AEUA4PY910W | |
| | | | | | | | | |
| | Position C White, Symbol Black | | Position A White, Symbol Black | | Position A Black, Symbol White | | Position A Raised Black, Symbol White | |
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| → | 800E-AFUA1PY700B | 10 | — | 10 | — | 10 | — | 10 |
| ← | — | | 800E-AFUA1PY700B | | — | | — | |
| + | 800E-AFUA1PY730B | | 800E-AFUA1PY730B | | — | | — | |
| — | 800E-AFUA1PY731B | | 800E-AFUA1PY731B | | — | | — | |
| | 800E-AFUA1PY909B | | 800E-AFUA1PY909B | | — | | — | |
| | 800E-AFUA1PY602B | | 800E-AFUA1PY602B | | — | | — | |
| ↑ | 800E-AFUA1PY713B | | — | | — | | — | |
| ↓ | — | | 800E-AFUA1PY713B | | — | | — | |
| O | — | | — | | 800E-AFUA2PY910W | | 800E-AEUA2PY910W | |

PQ = Package Quantity

Control and Indicating Devices

Accessories: Colour Caps for Multi-Function Operators

Colour Caps for Multi-Function Operators with Symbols or Text, Continued



| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|---------------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| German | | | | | | | | |
| AUF | 800E-AFUC3PG12W | 10 | — | 10 | — | 10 | — | 10 |
| AB | — | | 800E-AFUA3PG13W | | — | | — | |
| RECHTS | 800E-AFUC3PG17W | | — | | — | | — | |
| LINKS | — | | 800E-AFUA3PG18W | | — | | — | |
| VOR | 800E-AFUC3PG09W | | — | | — | | — | |
| ZURUECK | — | | 800E-AFUA3PG10W | | — | | — | |
| START | 800E-AFUC3PE01W | | — | | — | | — | |
| AUS | — | | — | | 800E-AFUA4PG04W | | 800E-AEUA4PG04W | |

| | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|---------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| AUF | 800E-AFUC1PG12B | 10 | — | 10 | — | 10 | — | 10 |
| AB | — | | 800E-AFUA1PG13B | | — | | — | |
| RECHTS | 800E-AFUC1PG17B | | — | | — | | — | |
| LINKS | — | | 800E-AFUA1PG18B | | — | | — | |
| VOR | 800E-AFUC1PG09B | | — | | — | | — | |
| ZURUECK | — | | 800E-AFUA1PG10B | | — | | — | |
| START | 800E-AFUC1PE01B | | — | | — | | — | |
| AUS | — | | — | | 800E-AFUA2PG04W | | 800E-AEUA2PG04W | |

| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|----------------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| English | | | | | | | | |
| UP | 800E-AFUC3PE12W | 10 | — | 10 | — | 10 | — | 10 |
| DOWN | — | | 800E-AFUA3PE13W | | — | | — | |
| RIGHT | 800E-AFUC3PE17W | | — | | — | | — | |
| LEFT | — | | 800E-AFUA3PE18W | | — | | — | |
| FORWARD | 800E-AFUC3PE09W | | — | | — | | — | |
| REVERSE | — | | 800E-AFUA3PE10W | | — | | — | |
| START | 800E-AFUC3PE01W | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA4PE02W | | 800E-AEUA4PE02W | |
| ON | 800E-AFUC3PE03W | — | — | — | — | | | |
| OFF | — | — | — | — | 800E-AEUA4PE04W | | | |

| | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|---------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| UP | 800E-AFUC1PE12B | 10 | — | 10 | — | 10 | — | 10 |
| DOWN | — | | 800E-AFUA1PE13B | | — | | — | |
| RIGHT | 800E-AFUC1PE17B | | — | | — | | — | |
| LEFT | — | | 800E-AFUA1PE18B | | — | | — | |
| FORWARD | 800E-AFUC1PE09B | | — | | — | | — | |
| REVERSE | — | | 800E-AFUA1PE10B | | — | | — | |
| START | 800E-AFUC1PE01B | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA2PE02W | | 800E-AEUA2PE02W | |
| ON | 800E-AFUC1PE03B | — | — | — | — | | | |
| OFF | — | — | — | — | 800E-AEUA2PE04W | | | |

PQ = Package Quantity

11

Control and Indicating Devices

Accessories: Colour Caps for Multi-Function Operators

Colour Caps for Multi-Function Operators with Symbols or Text, Continued

Tampon Printing



| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|----------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

Italian

| | | | | | | | | |
|----------|-----------------|----|-----------------|----|-----------------|----|-----------------|----|
| DESTRA | 800E-AFUC3PT12W | 10 | — | 10 | — | 10 | — | 10 |
| SINISTRA | — | | 800E-AFUA3PT13W | | — | | — | |
| AVANTI | 800E-AFUC3PT17W | | — | | — | | — | |
| INDIETRO | — | | 800E-AFUA3PT18W | | — | | — | |
| SU | 800E-AFUC3PT09W | | — | | — | | — | |
| GIU | — | | 800E-AFUA3PT10W | | — | | — | |
| START | 800E-AFUC3PE01W | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA4PE02W | | 800E-AEUA4PE02W | |

| Language | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|----------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| DESTRA | 800E-AFUC1PT12B | 10 | — | 10 | — | 10 | — | 10 |
| SINISTRA | — | | 800E-AFUA1PT13B | | — | | — | |
| AVANTI | 800E-AFUC1PT17B | | — | | — | | — | |
| INDIETRO | — | | 800E-AFUA1PT18B | | — | | — | |
| SU | 800E-AFUC1PT09B | | — | | — | | — | |
| GIU | — | | 800E-AFUA1PT10B | | — | | — | |
| START | 800E-AFUC1PE01B | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA2PE02W | | 800E-AEUA2PE02W | |

| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|----------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

French

| | | | | | | | | |
|---------|-----------------|----|-----------------|----|-----------------|----|-----------------|----|
| MONTER | 800E-AFUC3PF12W | 10 | — | 10 | — | 10 | — | 10 |
| DESCEND | — | | 800E-AFUA3PF13W | | — | | — | |
| DROITE | 800E-AFUC3PF17W | | — | | — | | — | |
| GAUCHE | — | | 800E-AFUA3PF18W | | — | | — | |
| AVANT | 800E-AFUC3PF09W | | — | | — | | — | |
| ARRIERE | — | | 800E-AFUA3PF10W | | — | | — | |
| START | 800E-AFUC3PE01W | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA4PF04W | | 800E-AEUA4PF04W | |

| Language | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|----------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| MONTER | 800E-AFUC1PF12B | 10 | — | 10 | — | 10 | — | 10 |
| DESCEND | — | | 800E-AFUA1PF13B | | — | | — | |
| DROITE | 800E-AFUC1PF17B | | — | | — | | — | |
| GAUCHE | — | | 800E-AFUA1PF18B | | — | | — | |
| AVANT | 800E-AFUC1PF09B | | — | | — | | — | |
| ARRIERE | — | | 800E-AFUA1PF10B | | — | | — | |
| START | 800E-AFUC1PE01B | | — | | — | | — | |
| STOP | — | | — | | 800E-AFUA2PF04W | | 800E-AEUA2PF04W | |

PQ = Package Quantity

Control and Indicating Devices

Accessories: Colour Caps for Multi-Function Operators

Colour Caps for Multi-Function Operators with Symbols or Text, Continued

Tampon Printing



| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|----------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

Spanish

| | | | | | | | | |
|-----------|-----------------|----|-----------------|----|---|----|-----------------|----|
| SUBRIR | 800E-AFUC3PS12W | 10 | — | 10 | — | 10 | — | 10 |
| BAJAR | — | | 800E-AFUA3PS13W | | — | | — | |
| DERECHA | 800E-AFUC3PS17W | | — | | — | | — | |
| IZQUIERDA | — | | 800E-AFUA3PS18W | | — | | — | |
| ADELANTE | 800E-AFUC3PS09W | | — | | — | | — | |
| ATRAS | — | | 800E-AFUA3PS10W | | — | | — | |
| ARRANQ | 800E-AFUC3PS01W | | — | | — | | 800E-AFUA4PS04W | |
| PARO | — | | — | | — | | 800E-AEUA4PS04W | |

| | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|-----------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| SUBRIR | 800E-AFUC1PS12B | 10 | — | 10 | — | 10 | — | 10 |
| BAJAR | — | | 800E-AFUA1PS13B | | — | | — | |
| DERECHA | 800E-AFUC1PS17B | | — | | — | | — | |
| IZQUIERDA | — | | 800E-AFUA1PS18B | | — | | — | |
| ADELANTE | 800E-AFUC1PS09B | | — | | — | | — | |
| ATRAS | — | | 800E-AFUA1PS10B | | — | | — | |
| ARRANQ | 800E-AFUC1PS01B | | — | | — | | 800E-AFUA2PS04W | |
| PARO | — | | — | | — | | 800E-AEUA2PS04W | |

| Language | Position C Green, Text White | | Position A Green, Text White | | Position A Red, Text White | | Position A Raised Red, Text White | |
|----------|---------------------------------|----|---------------------------------|----|-------------------------------|----|--------------------------------------|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

Swedish

| | | | | | | | | |
|---------|-----------------|----|-----------------|----|---|----|-----------------|----|
| UP | 800E-AFUC3PN12W | 10 | — | 10 | — | 10 | — | 10 |
| NER | — | | 800E-AFUA3PN13W | | — | | — | |
| HOGER | 800E-AFUC3PN17W | | — | | — | | — | |
| VANSTER | — | | 800E-AFUA3PN18W | | — | | — | |
| FRAM | 800E-AFUC3PN09W | | — | | — | | — | |
| BACK | — | | 800E-AFUA3PN10W | | — | | — | |
| START | 800E-AFUC3PE01W | | — | | — | | 800E-AFUA4PE02W | |
| STOP | — | | — | | — | | 800E-AEUA4PE02W | |

| | Position C White, Text Black | | Position A White, Text Black | | Position A Black, Text White | | Position A Raised Black, Text White | |
|---------|---------------------------------|----|---------------------------------|----|---------------------------------|----|--|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| UP | 800E-AFUC1PN12B | 10 | — | 10 | — | 10 | — | 10 |
| NER | — | | 800E-AFUA1PN13B | | — | | — | |
| HOGER | 800E-AFUC1PN17B | | — | | — | | — | |
| VANSTER | — | | 800E-AFUA1PN18B | | — | | — | |
| FRAM | 800E-AFUC1PN09B | | — | | — | | — | |
| BACK | — | | 800E-AFUA1PN10B | | — | | — | |
| START | 800E-AFUC1PE01B | | — | | — | | 800E-AFUA2PE02W | |
| STOP | — | | — | | — | | 800E-AEUA2PE02W | |

PQ = Package Quantity

Legend Plates with Symbols and Text



| Symbol/Text | Black Plastic Plate, Text White for Legend Plate Carrier 800E-110, 30 x 40 mm | | Black Plastic Plate, Text White for Legend Plate Carrier 800E-120, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-150 + 200, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-160, 48 x 18 mm | |
|-------------|--|----|--|----|---|----|---|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |
| O • I | 800E-17BU231L | 10 | 800E-18BU231L | 10 | 800E-30AU231L | 10 | 800E-20AU231L | 10 |
| I II | 800E-17BU229L | | 800E-18BU229L | | 800E-30AU229L | | 800E-20AU229L | |
| I O II | 800E-17BU234L | | 800E-18BU234L | | 800E-30AU234L | | 800E-20AU234L | |
| O I | 800E-17BU255L | | 800E-18BU255L | | 800E-30AU255L | | 800E-20AU255L | |
| ← O I | 800E-17BU252L | | 800E-18BU252L | | 800E-30AU252L | | 800E-20AU252L | |
| ← O → | 800E-17BU253L | | 800E-18BU253L | | 800E-30AU253L | | 800E-20AU253L | |
| O → | 800E-17BU256L | | 800E-18BU256L | | 800E-30AU256L | | 800E-20AU256L | |

German

| | | | | | | | | |
|--------------|--------------|--------------|--------------|--------------|--------------|----|--------------|----|
| STOERUNG | 800E-17BG113 | 10 | 800E-18BG113 | 10 | 800E-30AG113 | 10 | 800E-20AG113 | 10 |
| STOP | 800E-17BE212 | | 800E-18BE212 | | 800E-30AE212 | | 800E-20AE212 | |
| START | 800E-17BE208 | | 800E-18BE208 | | 800E-30AE208 | | 800E-20AE208 | |
| BETRIEB | 800E-17BG193 | | 800E-18BG193 | | 800E-30AG193 | | 800E-20AG193 | |
| LANGSAM | 800E-17BG201 | | 800E-18BG201 | | 800E-30AG201 | | 800E-20AG201 | |
| SCHNELL | 800E-17BG114 | | 800E-18BG114 | | 800E-30AG114 | | 800E-20AG114 | |
| ZURUECK | 800E-17BG188 | | 800E-18BG188 | | 800E-30AG188 | | 800E-20AG188 | |
| VOR | 800E-17BG120 | | 800E-18BG120 | | 800E-30AG120 | | 800E-20AG120 | |
| LINKS | 800E-17BG145 | | 800E-18BG145 | | 800E-30AG145 | | 800E-20AG145 | |
| RECHTS | 800E-17BG191 | | 800E-18BG191 | | 800E-30AG191 | | 800E-20AG191 | |
| AB | 800E-17BG110 | | 800E-18BG110 | | 800E-30AG110 | | 800E-20AG110 | |
| AUF | 800E-17BG223 | | 800E-18BG223 | | 800E-30AG223 | | 800E-20AG223 | |
| AUS | 800E-17BG163 | | 800E-18BG163 | | 800E-30AG163 | | 800E-20AG163 | |
| EIN | 800E-17BG166 | | 800E-18BG166 | | 800E-30AG166 | | 800E-20AG166 | |
| STOP START | 800E-17BE305 | | 800E-18BE305 | | 800E-30AE305 | | 800E-20AE305 | |
| VOR ZURUECK | 800E-17BG303 | | 800E-18BG303 | | 800E-30AG303 | | 800E-20AG303 | |
| LINKS RECHTS | 800E-17BG146 | 800E-18BG146 | 800E-30AG146 | 800E-20AG146 | | | | |
| AUS EIN | 800E-17BG165 | 800E-18BG165 | 800E-30AG165 | 800E-20AG165 | | | | |

English

| | | | | | | | | |
|----------------|--------------|--------------|--------------|----|---|----|---|----|
| AUTO | 800E-17BE101 | 10 | 800E-18BE101 | 10 | — | 10 | — | 10 |
| CLOSE | 800E-17BE107 | | 800E-18BE107 | | — | | — | |
| DOWN | 800E-17BE110 | | 800E-18BE110 | | — | | — | |
| EMERGENCY STOP | 800E-17BE112 | | 800E-18BE112 | | — | | — | |
| FAULT | 800E-17BE113 | | 800E-18BE113 | | — | | — | |
| FAST | 800E-17BE114 | | 800E-18BE114 | | — | | — | |
| FORWARD | 800E-17BE120 | | 800E-18BE120 | | — | | — | |
| HAND | 800E-17BE126 | | 800E-18BE126 | | — | | — | |
| HIGH | 800E-17BE129 | | 800E-18BE129 | | — | | — | |
| IN | 800E-17BE132 | | 800E-18BE132 | | — | | — | |
| INCH | 800E-17BE134 | | 800E-18BE134 | | — | | — | |
| JOG | 800E-17BE138 | | 800E-18BE138 | | — | | — | |
| LEFT | 800E-17BE145 | | 800E-18BE145 | | — | | — | |
| LOW | 800E-17BE148 | | 800E-18BE148 | | — | | — | |
| LOWER | 800E-17BE152 | | 800E-18BE152 | | — | | — | |
| OFF | 800E-17BE163 | | 800E-18BE163 | | — | | — | |
| ON | 800E-17BE166 | | 800E-18BE166 | | — | | — | |
| OPEN | 800E-17BE170 | | 800E-18BE170 | | — | | — | |
| OUT | 800E-17BE173 | | 800E-18BE173 | | — | | — | |
| RAISE | 800E-17BE182 | | 800E-18BE182 | | — | | — | |
| REVERSE | 800E-17BE188 | 800E-18BE188 | — | — | | | | |
| RIGHT | 800E-17BE191 | 800E-18BE191 | — | — | | | | |
| SLOW | 800E-17BE201 | 800E-18BE201 | — | — | | | | |

PQ = Package Quantity

Bulletin 800E
Control and Indicating Devices
Accessories: Legend Plates

Legend Plates with Symbols and Text, Continued



| Symbol/Text | Black Plastic Plate, Text White for Legend Plate Carrier 800E-110, 30 x 40 mm | | Black Plastic Plate, Text White for Legend Plate Carrier 800E-120, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-150 + 200, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-160, 48 x 18 mm | |
|-------------|--|----|--|----|---|----|---|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

English (Continued)

| | | | | | | | | | |
|--------|------|---------|---------------|----|---------------|----|---------------|----|---------------|
| START | | | 800E-17BE208 | | 800E-18BE208 | | — | | — |
| STOP | | | 800E-17BE212 | | 800E-18BE212 | | — | | — |
| UP | | | 800E-17BE223 | | 800E-18BE223 | | — | | — |
| I | O | AUTO | 800E-17BU250L | | 800E-18BU250L | | 800E-30AU250L | | 800E-20AU250L |
| HAND | O | AUTO | 800E-17BU251L | | 800E-18BU251L | | 800E-30AU251L | | 800E-20AU251L |
| MAN. | O | AUTO | 800E-17BE238K | | 800E-18BE238K | | 800E-30AE238K | | 800E-20AE238K |
| ON | OFF | AUTO | 800E-17BE300 | | 800E-18BE300 | | 800E-30AE300 | | 800E-20AE300 |
| MAN. | | AUTO | 800E-17BE301 | | 800E-18BE301 | | 800E-30AE301 | | 800E-20AE301 |
| HAND | | AUTO | 800E-17BE127 | | 800E-18BE127 | | 800E-30AE127 | | 800E-20AE127 |
| FORW. | OFF | REVERSE | 800E-17BE261 | | 800E-18BE261 | | 800E-30AE261 | | 800E-20AE261 |
| SET—UP | | RUN | 800E-17BE302 | | 800E-18BE302 | | 800E-30AE302 | | 800E-20AE302 |
| FORW. | | REV. | 800E-17BE303 | | 800E-18BE303 | | 800E-30AE303 | | 800E-20AE303 |
| OFF | | ON | 800E-17BE165 | | 800E-18BE165 | | 800E-30AE165 | | 800E-20AE165 |
| STOP | | START | 800E-17BE305 | | 800E-18BE305 | | 800E-30AE305 | | 800E-20AE305 |
| HIGH | | LOW | 800E-17BE130 | | 800E-18BE130 | | — | | — |
| INCH | | REVERSE | 800E-17BE135K | 10 | 800E-18BE135K | 10 | — | 10 | — |
| JOG | | FOR. | 800E-17BE255 | | 800E-18BE255 | | — | | — |
| JOG | | REV. | 800E-17BE256 | | 800E-18BE256 | | — | | — |
| JOG | | RUN | 800E-17BE142 | | 800E-18BE142 | | — | | — |
| LEFT | | RIGHT | 800E-17BE146 | | 800E-18BE146 | | — | | — |
| OPEN | | CLOSE | 800E-17BE171 | | 800E-18BE171 | | — | | — |
| RAISE | | LOWER | 800E-17BE183 | | 800E-18BE183 | | — | | — |
| SLOW | | FAST | 800E-17BE204 | | 800E-18BE204 | | — | | — |
| UP | | DOWN | 800E-17BE224 | | 800E-18BE224 | | — | | — |
| FOR | STOP | REV. | 800E-17BE254K | | 800E-18BE254K | | — | | — |
| HAND | OFF | AUTO | 800E-17BE128K | | 800E-18BE128K | | — | | — |
| JOG | STOP | RUN | 800E-17BE144K | | 800E-18BE144K | | — | | — |
| LOW | OFF | HIGH | 800E-17BE150K | | 800E-18BE150K | | — | | — |
| RAISE | OFF | LOWER | 800E-17BE184K | | 800E-18BE184K | | — | | — |
| SLOW | OFF | FAST | 800E-17BE205K | | 800E-18BE205K | | — | | — |
| SLOW | OFF | START | 800E-17BE207K | | 800E-18BE207K | | — | | — |

French

| | | | | | | | | | |
|-----------------|-------|---------|--------------|----|--------------|----|--------------|----|--------------|
| MARCHE | | | 800E-17BF166 | | 800E-18BF166 | | — | | — |
| ARRET | | | 800E-17BF163 | | 800E-18BF163 | | — | | — |
| ARRET D'URGENCE | | | 800E-17BF112 | | 800E-18BF112 | | — | | — |
| MANUEL | | | 800E-17BF126 | | 800E-18BF126 | | — | | — |
| MANUEL | | AUTO | 800E-17BF127 | 10 | 800E-18BF127 | 10 | 800E-30AF127 | 10 | 800E-20AF127 |
| ARRET | | MARCHE | 800E-17BF165 | | 800E-18BF165 | | 800E-30AF165 | | 800E-20AF165 |
| MANUEL | HORS | AUTO | 800E-17BF260 | | 800E-18BF260 | | 800E-30AF260 | | 800E-20AF260 |
| ARRIERE | ARRET | AVANT | 800E-17BF261 | | 800E-18BF261 | | 800E-30AF261 | | 800E-20AF261 |
| LENT | ARRET | VITE | 800E-17BF262 | | 800E-18BF262 | | 800E-30AF262 | | 800E-20AF262 |
| ARRET | AUTO | SECOURS | 800E-17BF265 | | 800E-18BF265 | | 800E-30AF265 | | 800E-20AF265 |

PQ = Package Quantity

Legend Plates with Symbols and Text, Continued



| Symbol/Text | Black Plastic Plate, Text White for Legend Plate Carrier 800E-110, 30 x 40 mm | | Black Plastic Plate, Text White for Legend Plate Carrier 800E-120, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-150 + 200, 30 x 50 mm | | Aluminium Legend Plate, Text Black for Legend Plate Carrier 800E-160, 48 x 18 mm | |
|-------------|--|----|--|----|---|----|---|----|
| | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ | Cat. No. | PQ |

Italian

| | | | | | | | | |
|-------------------|--------------|----|--------------|----|--------------|----|--------------|----|
| MARCIA | 800E-17BT208 | 10 | 800E-18BT208 | 10 | — | 10 | — | 10 |
| ARRESTO | 800E-17BT212 | | 800E-18BT212 | | — | | — | |
| ARRESTO EMERGENZA | 800E-17BT112 | | 800E-18BT112 | | — | | — | |
| MANUALE | 800E-17BT126 | | 800E-18BT126 | | — | | — | |
| MANUALE AUTO | 800E-17BT127 | | 800E-18BT127 | | 800E-30BT127 | | 800E-20BT127 | |
| ARRESTO MARCIA | 800E-17BT165 | | 800E-18BT165 | | 800E-30BT165 | | 800E-20BT165 | |

Spanish

| | | | | | | | | |
|----------------------|--------------|--------------|--------------|--------------|---|----|---|----|
| ARRANQUE | 800E-17BS166 | 10 | 800E-18BS166 | 10 | — | 10 | — | 10 |
| PARO | 800E-17BS163 | | 800E-18BS163 | | — | | — | |
| MARCHA | 800E-17BS208 | | 800E-18BS208 | | — | | — | |
| PARADA | 800E-17BS212 | | 800E-18BS212 | | — | | — | |
| PARADA DE EMERGENCIA | 800E-17BS112 | | 800E-18BS112 | | — | | — | |
| MANUAL | 800E-17BS126 | | 800E-18BS126 | | — | | — | |
| IN SERVICIO | 800E-17BS193 | 800E-18BS193 | — | — | | | | |
| MANUAL AUTO | 800E-17BS127 | 800E-18BS127 | 800E-30BS127 | 800E-20BS127 | | | | |
| PARADA MARCHA | 800E-17BS165 | 800E-18BS165 | 800E-30BS165 | 800E-20BS165 | | | | |

Legend Plates for Base Mounting Enclosures



Size 19 x 19 mm

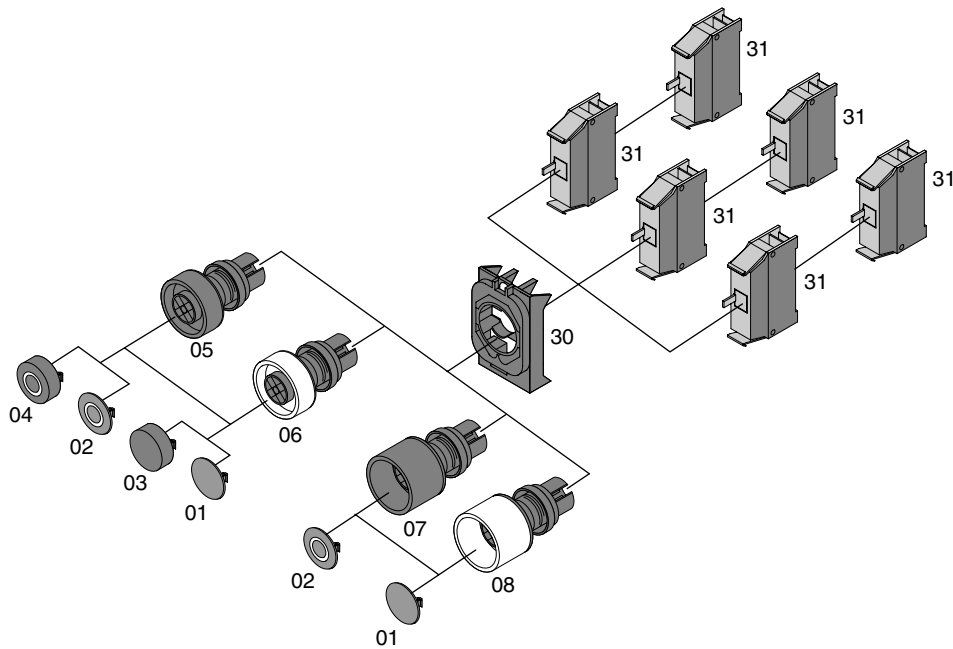
| Symbol/Text | Aluminium Legend Plate, Text Black, Size 19 x 19 mm | |
|-------------|---|----|
| | Cat. No. | PQ |
| II | 800E-19AU230L | 10 |
| O | 800E-19AU228L | |
| I | 800E-19AU229L | |

German





| | | |
|----------|--------------|----|
| STOERUNG | 800E-19AG113 | 10 |
| STOP | 800E-19AE212 | |
| START | 800E-19AE208 | |
| BETRIEB | 800E-19AG193 | |
| LANGSAM | 800E-19AG201 | |
| SCHNELL | 800E-19AG114 | |
| ZURUECK | 800E-19AG188 | |
| VOR | 800E-19AG120 | |
| LINKS | 800E-19AG145 | |
| RECHTS | 800E-19AG191 | |
| AB | 800E-19AG110 | |
| AUF | 800E-19AG223 | |
| AUS | 800E-19AG163 | |
| EIN | 800E-19AG166 | |

PQ = Package Quantity

Non-Illuminated Push Buttons



| Individual Part | Cat. No. | PQ |
|---|----------|----|
| 01 Colour caps | | |
| white | 800E-AF1 | 10 |
| black | 800E-AF2 | |
| green | 800E-AF3 | |
| red | 800E-AF4 | |
| yellow | 800E-AF5 | |
| blue | 800E-AF6 | |
| gray | 800E-AF8 | |
| 02 Legend colour caps additional legend colour caps see pages 11-85...11-90 | | |
| 03 Raised colour caps | | |
| white | 800E-AE1 | 10 |
| black | 800E-AE2 | |
| green | 800E-AE3 | |
| red | 800E-AE4 | |
| yellow | 800E-AE5 | |
| blue | 800E-AE6 | |
| gray | 800E-AE8 | |
| 04 Raised legend colour caps additional legend colour caps see pages 11-85...11-90 | | |

| Individual Part | Cat. No. | PQ |
|---|------------|----|
| 05 Plastic front element, flush | 800EP-F9 | ☆ |
| Plastic front element maintained, flush | 800EP-FA9 | ☆ |
| 06 Plastic front element, flush with shiny metal front ring | 800ES-F9 | ☆ |
| Plastic front element maintained, flush with shiny metal front ring | 800ES-FA9 | ☆ |
| 07 Plastic front element, with raised plastic front ring | 800EP-G9 | ☆ |
| 08 Plastic front element with raised shiny metal front ring | 800ES-G9 | ☆ |
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block | | 10 |
| N.O.  | 800E-3X10 | |
| N.C.  | 800E-3X01 | |
| N.O.E.M.  | 800E-3X10E | |
| N.C.L.B.  | 800E-3X01L | |
| N.O. (Low voltage) | 800E-3X10V | |
| N.C. (Low voltage) | 800E-3X01V | |

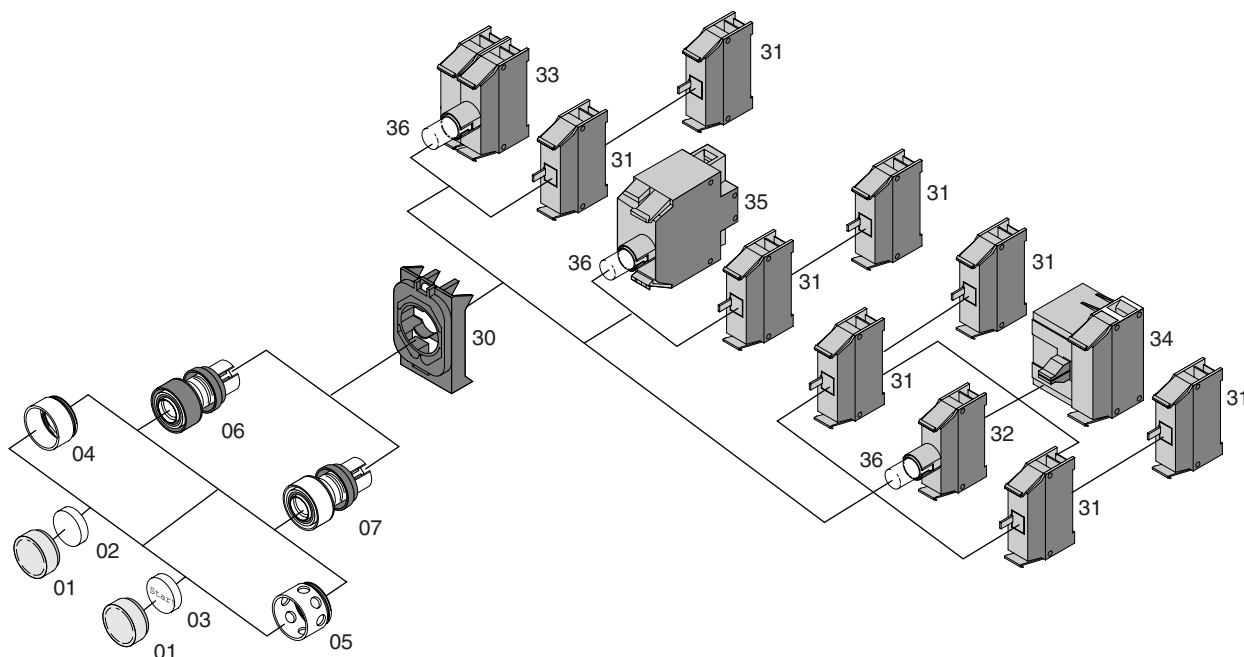
11

| Options | Cat. No. Suffix | Description | Ordering Example |
|-----------------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≙ Single package (1 piece standard delivery) | 800EP-F9 |
| | -BP | ≙ Package of 10 pieces | 800EP-F9-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Push Buttons



| Individual Part | Cat. No. | PQ |
|--|--|----|
| 01 Lens caps green red yellow blue transparent | 800E-ALF3 800E-ALF4 800E-ALF5 800E-ALF6 800E-ALF7 | 10 |
| 02 Diffuser blank | 800E-AD2 | 10 |
| 03 Legend diffuser see pages 11-85...11-90 | | |
| 04 Front ring transparent for flush illuminated operators | 800E-ALB1 | 10 |
| 05 Front ring with bore holes for lateral visibility of illuminated raised front ring | 800E-ALG1 | 10 |
| 06 Illuminated plastic front element, flush Illuminated plastic front element maintained, flush | 800EP-LF9 800EP-LFA9 | ★ |
| 07 Illuminated plastic front element, flush with shiny metal front ring Illuminated plastic front element, maintained, flush with shiny metal front ring | 800ES-LF9 800ES-LFA9 | ★ |
| 30 Latch for snap on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage) | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |
| 32 Lamp element Standard with diode and resistor | 800E-3D0 800E-3R22 800E-3R7 | 10 |

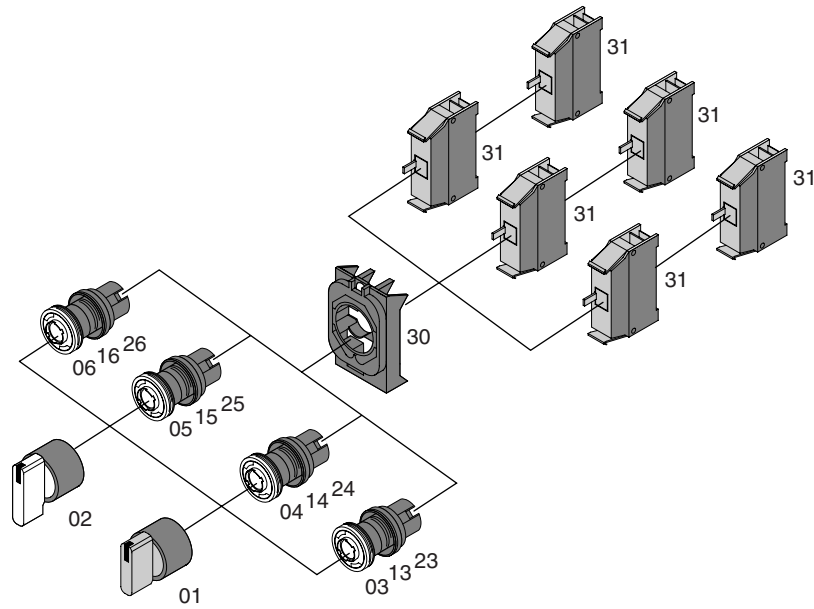
| Individual Part | Cat. No. | PQ |
|---|--|----|
| 33 Lamp element with central lamp test with diode and resistor 220 VAC 240 VAC | 800E-3DD0 800E-3RDD22 800E-3RDD7 | 10 |
| 34 Transformer elements 50/60 Hz for mounting on lamp elements primary secondary 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA | 800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7 | 1 |
| 35 Transformer elements 50/60 Hz with lamp element primary secondary 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA | 800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10 | 1 |
| 36 Incandescent lamps 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD...130 V2.4 W Neon lamps 110 V...127 V 220 V...240 V LED see page 11-82 | 800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130 800E-N230 800E-N240 | 10 |

Incandescent Lamps, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Individual Components - Round

Non-Illuminated 2, 3 or 4 Position Selector Switch Operators



| Individual Part | Cat. No. | PQ |
|---|-----------|----|
| 01 Standard knob, black plastic front ring | | |
| white | 800EP-AS1 | 10 |
| black | 800EP-AS2 | |
| green | 800EP-AS3 | |
| red | 800EP-AS4 | |
| yellow | 800EP-AS5 | |
| blue | 800EP-AS6 | |
| gray | 800EP-AS8 | |
| Standard knob, shiny metal front ring | | |
| white | 800EM-AS1 | 10 |
| black | 800EM-AS2 | |
| green | 800EM-AS3 | |
| red | 800EM-AS4 | |
| yellow | 800EM-AS5 | |
| blue | 800EM-AS6 | |
| gray | 800EM-AS8 | |
| Standard knob, back anodised front ring | | |
| white | 800EB-AS1 | 10 |
| black | 800EB-AS2 | |
| green | 800EB-AS3 | |
| red | 800EB-AS4 | |
| yellow | 800EB-AS5 | |
| blue | 800EB-AS6 | |
| gray | 800EB-AS8 | |

| Individual Part | Cat. No. | PQ |
|---|-----------|----|
| 02 Lever, black plastic front ring | | |
| white | 800EP-AH1 | 10 |
| black | 800EP-AH2 | |
| green | 800EP-AH3 | |
| red | 800EP-AH4 | |
| yellow | 800EP-AH5 | |
| blue | 800EP-AH6 | |
| gray | 800EP-AH8 | |
| Lever, shiny metal front ring | | |
| white | 800EM-AH1 | 10 |
| black | 800EM-AH2 | |
| green | 800EM-AH3 | |
| red | 800EM-AH4 | |
| yellow | 800EM-AH5 | |
| blue | 800EM-AH6 | |
| gray | 800EM-AH8 | |
| Lever, back anodised front ring | | |
| white | 800EB-AH1 | 10 |
| black | 800EB-AH2 | |
| green | 800EB-AH3 | |
| red | 800EB-AH4 | |
| yellow | 800EB-AH5 | |
| blue | 800EB-AH6 | |
| gray | 800EB-AH8 | |





PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Individual Components - Round

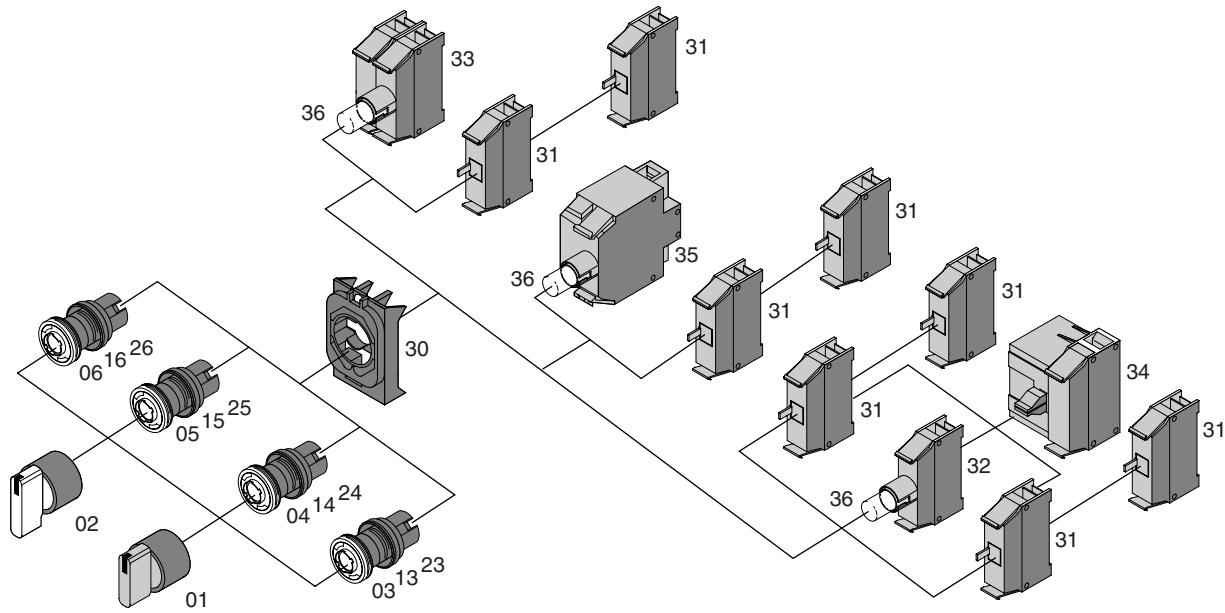
| Individual Part | Cat. No. | PQ |
|--|------------|----|
| Front Elements - 2 Positions | | |
| 03 Plastic operator, maintained 60° | 800EP-SM29 | 1 |
| 04 Plastic operator, maintained 90° | 800EP-SN29 | 1 |
| 05 Plastic operator, spring return £ from left 60° | 800EP-SL29 | 1 |
| 06 Plastic operator, spring return from right 60° | 800EP-SR29 | 1 |
| Front Elements - 3 Positions | | |
| 13 Plastic operator, maintained 60° | 800EP-SM39 | 1 |
| 14 Plastic operator, spring return from left 60° | 800EP-SL39 | 1 |
| 15 Plastic operator, spring return from right 60° | 800EP-SR39 | 1 |
| 16 Plastic operator, spring return from left and right 60° | 800EP-SB39 | 1 |
| Front Elements - 4 Positions | | |
| 23 Plastic operator, maintained | 800EP-SM49 | 1 |
| 24 Plastic operator, spring return from left | 800EP-SL49 | 1 |
| 25 Plastic operator, spring return from right | 800EP-SR49 | 1 |
| 26 Plastic operator, spring return from left and right | 800EP-SB49 | 1 |

| Individual Part | Cat. No. | PQ |
|---|------------|----|
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block | | |
| N.O.  | 800E-3X10 | 10 |
| N.C.  | 800E-3X01 | |
| N.O.E.M.  | 800E-3X10E | |
| N.C.L.B.  | 800E-3X01L | |
| N.O. (Low voltage) | 800E-3X10V | |
| N.C. (Low voltage) | 800E-3X01V | |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated 2, 3 or 4 Position Selector Switch Operators



| Individual Part | Cat. No. | PQ |
|---|------------|----|
| 01 Illuminated standard knob, black plastic front ring | | |
| white | 800EP-ALS1 | 10 |
| green | 800EP-ALS3 | |
| red | 800EP-ALS4 | |
| yellow | 800EP-ALS5 | |
| blue | 800EP-ALS6 | |
| Illuminated standard knob, shiny metal front ring | | |
| white | 800EM-ALS1 | 10 |
| green | 800EM-ALS3 | |
| red | 800EM-ALS4 | |
| yellow | 800EM-ALS5 | |
| blue | 800EM-ALS6 | |
| Illuminated standard knob, back anodised front ring | | |
| white | 800EB-ALS1 | 10 |
| green | 800EB-ALS3 | |
| red | 800EB-ALS4 | |
| yellow | 800EB-ALS5 | |
| blue | 800EB-ALS6 | |

| Individual Part | Cat. No. | PQ |
|---|------------|----|
| 02 Illuminated lever, black plastic front ring | | |
| white | 800EP-ALH1 | 10 |
| green | 800EP-ALH3 | |
| red | 800EP-ALH4 | |
| yellow | 800EP-ALH5 | |
| blue | 800EP-ALH6 | |
| Illuminated lever, shiny metal front ring | | |
| white | 800EM-ALH1 | 10 |
| green | 800EM-ALH3 | |
| red | 800EM-ALH4 | |
| yellow | 800EM-ALH5 | |
| blue | 800EM-ALH6 | |
| Illuminated lever, back anodised front ring | | |
| white | 800EB-ALH1 | 10 |
| green | 800EB-ALH3 | |
| red | 800EB-ALH4 | |
| yellow | 800EB-ALH5 | |
| blue | 800EB-ALH6 | |









PQ = Package Quantity

Incandescent Lamps, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Control and Indicating Devices

Product Selection: Individual Components - Round

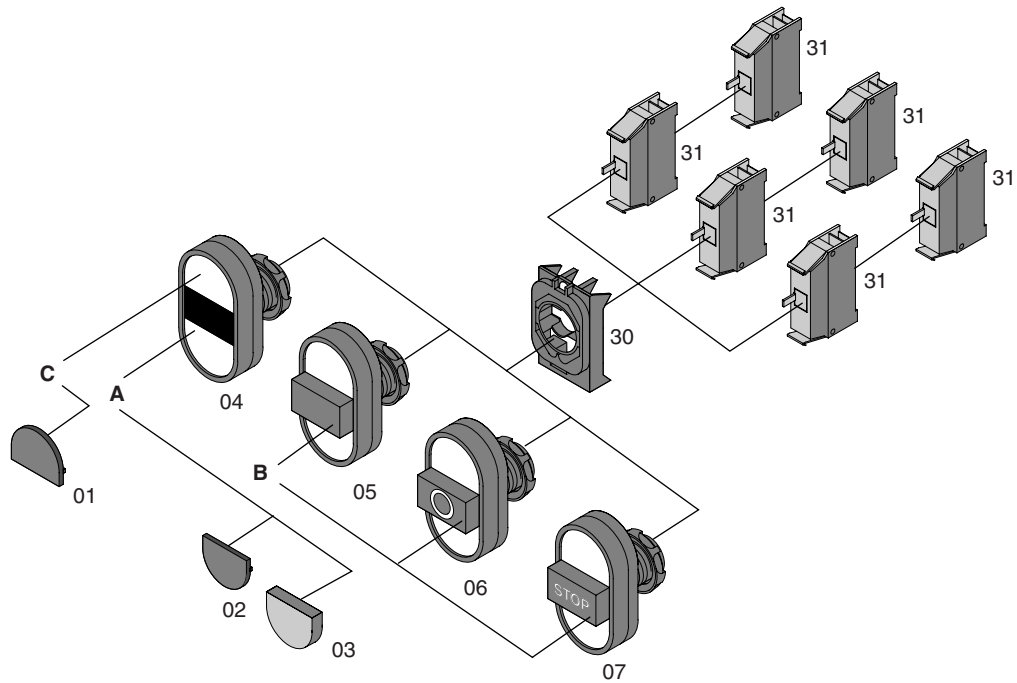
| Individual Part | Cat. No. | PQ |
|--|-------------|----|
| Front Elements - 2 Positions | | |
| 03 Illuminated plastic operator, maintained 60° | 800EP-LSM29 | 1 |
| 04 Illuminated plastic operator, maintained 90° | 800EP-LSN29 | 1 |
| 05 Illuminated plastic operator, spring return from left 60° | 800EP-LSL29 | 1 |
| 06 Illuminated plastic operator, spring return from right 60° | 800EP-LSR29 | 1 |
| Front Elements - 3 Positions | | |
| 13 Illuminated plastic operator, maintained 60° | 800EP-LSM39 | 1 |
| 14 Illuminated plastic operator, spring return from left 60° | 800EP-LSL39 | 1 |
| 15 Illuminated plastic operator, spring return from right 60° | 800EP-LSR39 | 1 |
| 16 Illuminated plastic operator, spring return from left and right 60° | 800EP-LSB39 | 1 |
| Front Elements - 4 Positions | | |
| 23 Illuminated plastic operator, maintained | 800EP-LSM49 | 1 |
| 24 Illuminated plastic operator, spring return from left | 800EP-LSL49 | 1 |
| 25 Illuminated plastic operator, spring return from right | 800EP-LSR49 | 1 |
| 26 Illuminated plastic operator, spring return from left and right | 800EP-LSB49 | 1 |

| Individual Part | Cat. No. | PQ |
|---|--|----|
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O.  N.C.  N.O.E.M.  N.C.L.B.  N.O. (Low voltage)  N.C. (Low voltage)  | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |
| 32 Lamp element Standard with diode and resistor  220 VAC 240 VAC | 800E-3D0 800E-3R22 800E-3R7 | 10 |
| 33 Lamp element with central lamp test with diode and resistor  220 VAC 240 VAC | 800E-3DD0 800E-3RDD22 800E-3RDD7 | 10 |
| 34 Transformer elements 50/60 Hz for mounting on lamp elements primary secondary 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA | 800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7 | 1 |
| 35 Transformer elements 50/60 Hz with lamp element primary secondary 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA | 800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10 | 1 |
| 36 Incandescent lamps 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD...130 V2.4 W | 800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130 | 10 |
| Neon lamps 110 V...127 V 220 V...240 V | 800E-N230 800E-N240 | 10 |
| LED see page 11-82 | | |





PQ = Package Quantity

Incandescent Lamps, LED - page 11-82
Accessories - Page 11-78
Specifications - Page 11-116
Dimensions - Page 11-120

Non-Illuminated Multi-Function Operators



| Individual Part | Cat. No. | PQ |
|--|--|----|
| 01 Colour caps position C white green | 800E-AFU1 800E-AFU3 | 10 |
| 02 Colour caps position A white black green red | 800E-AFU1 800E-AFU2 800E-AFU3 800E-AFU4 | 10 |
| 03 Colour caps position A black raised red raised additional legend colour caps see pages 11-97 and 11-99 | 800E-AEU2 800E-AEU4 | 10 |
| 04 Front element with blank cap black without colour caps black plastic | 800EP-U2X | ☆ |
| 05 Front element with colour caps on position B, red raised neutral black plastic | 800EP-U3X00 | ☆ |
| 06 Front element with colour caps on position B, red raised O black plastic | 800EP-U3X01 | ☆ |
| 07 Front element with colour caps on position B, red raised STOP black plastic | 800EP-U3X03 | ☆ |

| Individual Part | Cat. No. | PQ |
|---|--|----|
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O.  N.C.  N.O.E.M.  N.C.L.B.  N.O. (Low voltage) N.C. (Low voltage) | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |

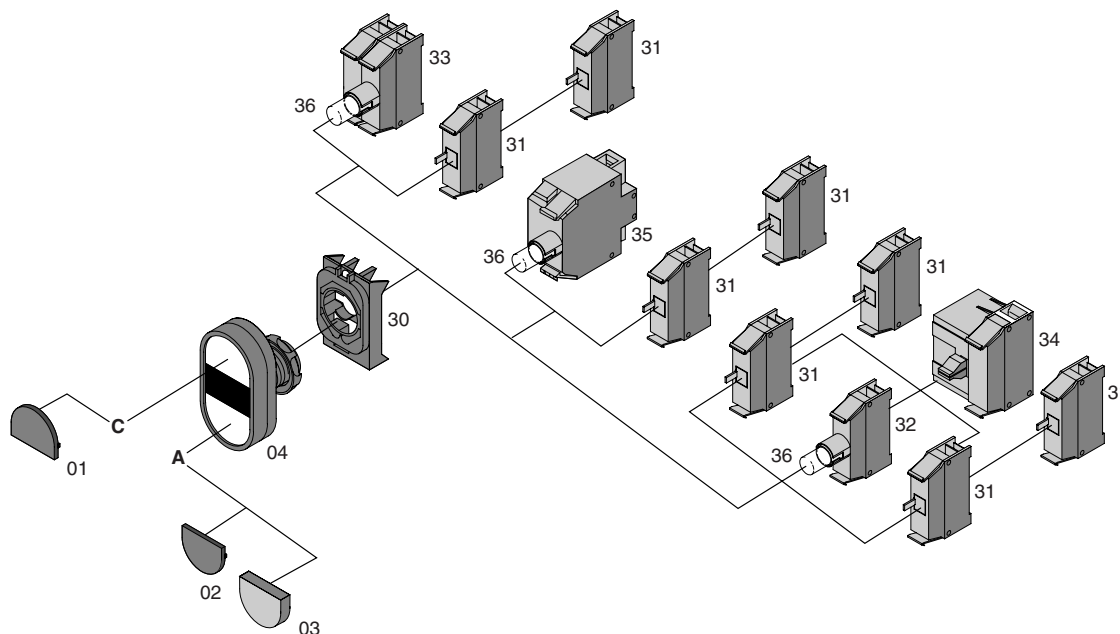
11

| Options | Cat. No. Suffix | Description | Ordering Example |
|-----------------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≅ Single package (1 piece standard delivery) | 800EP-U2X |
| | -BP | ≅ Package of 10 pieces | 800EP-U2X-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Multi-Function Operators

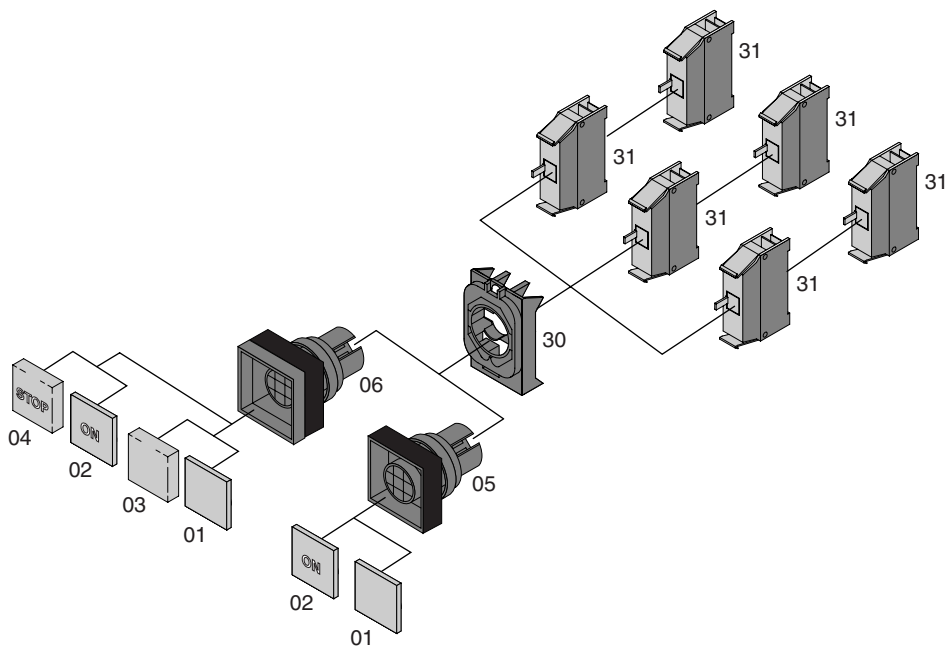


| Individual Part | Cat. No. | PQ |
|---|--|----|
| 01 Colour caps position C white green | 800E-AFU1 800E-AFU3 | 10 |
| 02 Colour caps position A white black green red | 800E-AFU1 800E-AFU2 800E-AFU3 800E-AFU4 | 10 |
| 03 Colour caps position A black raised red raised additional legend colour caps see pages 11-97 and 11-99 | 800E-AEU2 800E-AEU4 | 10 |
| 04 Front element with light cap without colour caps black plastic | 800EP-LU2X | ☆ |
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage) | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |
| 32 Lamp element Standard with diode and resistor 220 VAC 240 VAC | 800E-3D0 800E-3R22 800E-3R7 | 10 |
| 33 Lamp element with central lamp test with diode and resistor 220 VAC 240 VAC | 800E-3DD0 800E-3RDD22 800E-3RDD7 | 10 |





| Individual Part | Cat. No. | PQ |
|---|--|----|
| 34 Transformer elements 50/60 Hz for mounting on lamp elements primary secondary 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA | 800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7 | 1 |
| 35 Transformer elements 50/60 Hz with lamp element primary secondary 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA | 800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10 | 1 |
| 36 Incandescent lamps 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD... 130 V 2.4 W | 800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 800E-N130 | 10 |
| Neon lamps 110 V...127 V 220 V...240 V LED see page 11-82 | 800E-N230 800E-N240 | 10 |

Incandescent Lamps, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Non-Illuminated Push Buttons



| Individual Part | Cat. No. | PQ |
|--|--|----|
| 01 Colour caps white black green red yellow blue | 800EQ-AF1 800EQ-AF2 800EQ-AF3 800EQ-AF4 800EQ-AF5 800EQ-AF6 | 10 |
| 02 Legend colour caps green green START green ON red O red STOP red OFF additional legend colour caps see pages 11-91...11-96 | 800EQ-AF306W 800EQ-AF301W 800EQ-AF303W 800EQ-AF405W 800EQ-AF402W 800EQ-AF404W | 10 |
| 03 Raised colour caps white black green red yellow blue | 800EQ-AE1 800EQ-AE2 800EQ-AE3 800EQ-AE4 800EQ-AE5 800EQ-AE6 | 10 |
| 04 Raised legend colour caps red O red STOP red OFF additional legend colour caps see pages 11-91...11-96 | 800EQ-AE4HY910W 800EQ-AE4HE02W 800EQ-AE4HE04W | 10 |

| Individual Part | Cat. No. | PQ |
|---|--|----|
| 05 Plastic front element, flush | 800EQ-F9 | ☆ |
| Plastic front element maintained, flush | 800EQ-FA9 | ☆ |
| 06 Plastic front element with raised front ring | 800EQ-G9 | ☆ |
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O.  N.C.  N.O.E.M.  N.C.L.B.  N.O. (Low voltage) N.C. (Low voltage) | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |

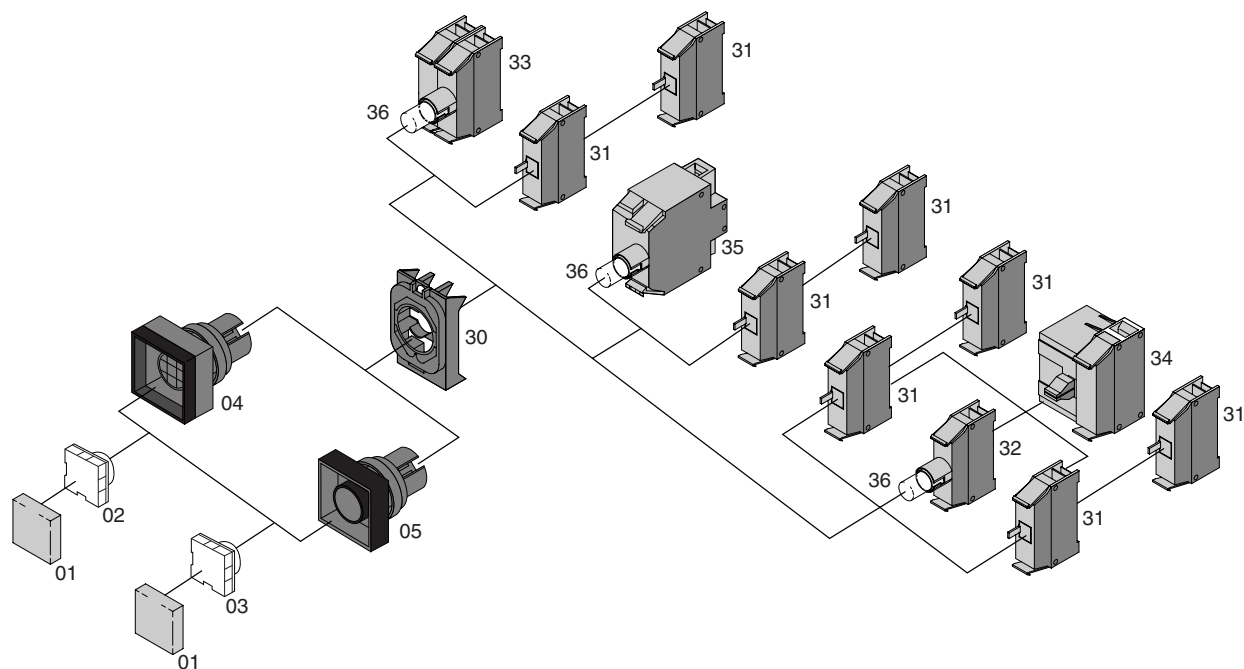
11

| Options | Cat. No. Suffix | Description | Ordering Example |
|-----------------------------|-----------------|--|------------------|
| ☆ Packaging quantity | Blank | ≅ Single package (1 piece standard delivery) | 800EQ-F9 |
| | -BP | ≅ Package of 10 pieces | 800EQ-F9-BP |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated Push Buttons



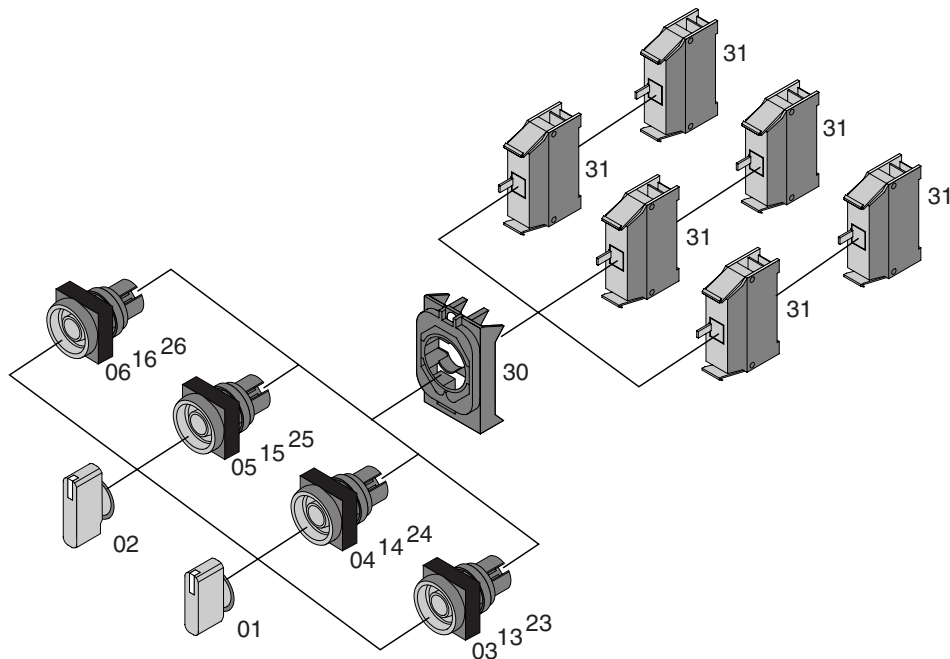
| Individual Part | Cat. No. | PQ |
|---|--|----|
| 01 Lens caps green red yellow blue transparent | 800EQ-ALF3 800EQ-ALF4 800EQ-ALF5 800EQ-ALF6 800EQ-ALF7 | 10 |
| 02 Diffuser blank | 800EQ-AD2 | 10 |
| 03 Legend diffuser see pages 11-91...11-96 | | |
| 04 Illuminated plastic front element, flush | 800EQ-LF9 | ★ |
| Illuminated plastic front element maintained, flush | 800EQ-LFA9 | ★ |
| 05 Illuminated front element raised | 800EQ-LE9 | 1 |
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block N.O. N.C. N.O.E.M. N.C.L.B. N.O. (Low voltage) N.C. (Low voltage) | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | 10 |
| 32 Lamp element Standard with diode and resistor 220 VAC 240 VAC | 800E-3D0 800E-3R22 800E-3R7 | 10 |

| Individual Part | Cat. No. | PQ |
|---|---|----|
| 33 Lamp element central lamp test with diode and resistor 220 VAC 240 VAC | 800E-3DD0 800E-3RDD22 800E-3RDD7 | 10 |
| 34 Transformer elements 50/60 Hz for mounting on lamp elements primary secondary 110...120 V 6 V 1.2 VA 220 240 V 6 V 1.2 VA 380...415 V 6 V 1.2 VA 440...480 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA | 800E-3TS5 800E-3TS7 800E-3TS10 800E-3TS12 800E-3THS7 | 1 |
| 35 Transformer elements 50/60 Hz with lamp element primary secondary 110...120 V 6 V 1.2 VA 220...240 V 6 V 1.2 VA 600 V 6 V 1.2 VA 220...240 V 24 V 1.2 VA 400 V 24 V 1.2 VA | 800E-3T5 800E-3T7 800E-3T14 800E-3TH7 800E-3TH10 | 1 |
| 36 Incandescent lamps 6 V 1.2 W 12 V 1.4 W 24 V 1.4 W 36 V 1.4 W 48 V 1.4 W 60 V 1.5 W 110 V 1.9 W for lamp elements 800E-R... and 800E-RDD... 130 V 2.4 W | 800E-N65 800E-N141 800E-N157 800E-N36 800E-N48 800E-N60 800E-N130 | 10 |
| Neon lamps 110 V...127 V 220 V...240 V | 800E-N230 800E-N240 | 10 |
| LED see page 11-82. | | |

PQ = Package Quantity

Incandescent Lamps, LED - Page 11-82
Accessories - Page 11-78
Specifications - Page 11-116
Dimensions - Page 11-120

Non-Illuminated 2, 3 or 4 Position Selector Switch Operators



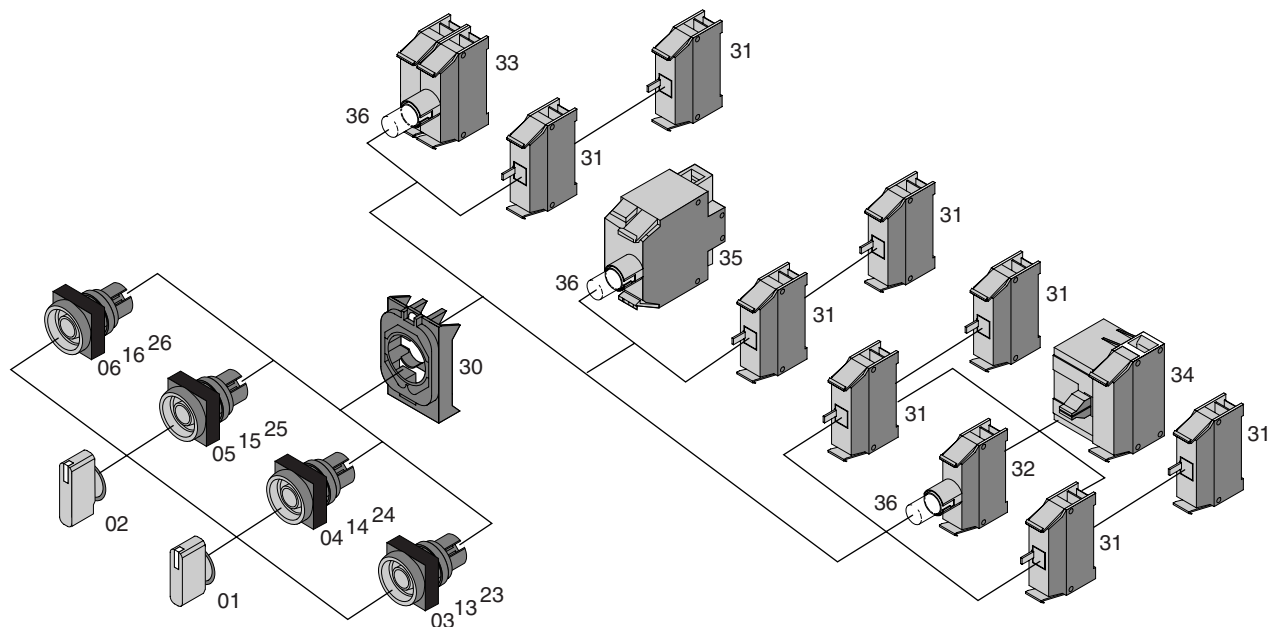
| Individual Part | Cat. No. | PQ |
|--|------------|----|
| 01 Non-illuminated standard knob, black plastic front ring | white | 10 |
| | green | |
| | red | |
| | yellow | |
| | blue | |
| | 800EQ-AS6 | |
| 02 Non-illuminated lever, black plastic front ring | white | 10 |
| | green | |
| | red | |
| | yellow | |
| | blue | |
| | 800EQ-AH6 | |
| Front Element, 2 Positions | | |
| 03 Non-illuminated 2 position selector switch operator, maintained 60° | 800EQ-SM29 | 1 |
| 04 Non-illuminated 2 position selector switch operator, maintained 90° | 800EQ-SN29 | 1 |
| 05 Non-illuminated 2 position selector switch operator, spring return from left 60° | 800EQ-SL29 | 1 |
| 06 Non-illuminated 2 position selector switch operator, spring return from right 60° | 800EQ-SR29 | 1 |

| Individual Part | Cat. No. | PQ |
|---|--|----|
| Front Element - 3 Positions | | |
| 13 Non-illuminated 3 position selector switch operator, maintained 60° | 800EQ-SM39 | 1 |
| 14 Non-illuminated 3 position selector switch operator, spring return from left 60° | 800EQ-SL39 | 1 |
| 15 Non-illuminated 3 position selector switch operator, spring return from right 60° | 800EQ-SR39 | 1 |
| 16 Non-illuminated 3 position selector switch operator, spring return from left and right 60° | 800EQ-SB39 | 1 |
| Front Element - 4 Positions | | |
| 23 Non-illuminated 4 position selector switch operator, maintained | 800EQ-SM49 | 1 |
| 24 Non-illuminated 4 position selector switch operator, spring return from left | 800EQ-SL49 | 1 |
| 25 Non-illuminated 4 position selector switch operator, spring return from right | 800EQ-SR49 | 1 |
| 26 Non-illuminated 4 position selector switch operator, spring return from left and right | 800EQ-SB49 | 1 |
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block | | 10 |
| N.O. | | |
| N.C. | | |
| N.O.E.M. | | |
| N.C.L.B. | | |
| N.O. (Low voltage) | | |
| N.C. (Low voltage) | | |
| | 800E-3X10 800E-3X01 800E-3X10E 800E-3X01L 800E-3X10V 800E-3X01V | |

PQ = Package Quantity

Contact Blocks - Page 11-73
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Illuminated 2, 3 or 4 Position Selector Switch Operators



| Individual Part | Cat. No. | PQ |
|--|-------------|----|
| 01 Illuminated standard knob, black plastic front ring | | |
| white | 800EQ-ALS1 | 10 |
| green | 800EQ-ALS3 | |
| red | 800EQ-ALS4 | |
| yellow | 800EQ-ALS5 | |
| blue | 800EQ-ALS6 | |
| 02 Illuminated lever, black plastic front ring | | |
| white | 800EQ-ALH1 | 10 |
| green | 800EQ-ALH3 | |
| red | 800EQ-ALH4 | |
| yellow | 800EQ-ALH5 | |
| blue | 800EQ-ALH6 | |
| | | |
| Front Element - 2 Positions | | |
| 03 Illuminated plastic operator maintained 60° | 800EQ-LSM29 | 1 |
| 04 Illuminated plastic operator maintained 90° | 800EQ-LSN29 | 1 |
| 05 Illuminated plastic operator spring return from left 60° | 800EQ-LSL29 | 1 |
| 06 Illuminated plastic operator Spring Return from Right 60° | 800EQ-LSR29 | 1 |
| Front Element - 3 Positions | | |
| 13 Illuminated plastic operator maintained 60° | 800EQ-LSM39 | 1 |
| 14 Illuminated plastic operator spring return from left 60° | 800EQ-LSL39 | 1 |
| 15 Illuminated plastic operator Spring Return from Right 60 | 800EQ-LSR39 | 1 |
| 16 Illuminated plastic operator spring return from left and right 60° | 800EQ-LSB39 | 1 |
| Front Element - 4 Positions | | |
| 23 Illuminated plastic operator maintained 60° | 800EQ-LSM49 | 1 |
| 24 Illuminated plastic operator spring return from left | 800EQ-LSL49 | 1 |
| 25 Illuminated plastic operator Spring Return from Right | 800EQ-LSR49 | 1 |
| 26 Illuminated plastic operator spring return from left and right | 800EQ-LSB49 | 1 |

| Individual Part | Cat. No. | PQ |
|--|-------------|----|
| 30 Latch for snap-on contact blocks and lamp elements | 800E-A3L | 10 |
| 31 Contact block | | |
| N.O. | 800E-3X10 | 10 |
| N.C. | 800E-3X01 | |
| N.O.E.M. | 800E-3X10E | |
| N.C.L.B. | 800E-3X01L | |
| N.O. (Low voltage) | 800E-3X10V | |
| N.C. (Low voltage) | 800E-3X01V | |
| 32 Lamp element Standard with diode and resistor | 800E-3D0 | 10 |
| 220 VAC | 800E-3R22 | |
| 240 VAC | 800E-3R7 | |
| 33 Lamp element with central lamp test with diode and resistor | 800E-3DD0 | 10 |
| 220 VAC | 800E-3RDD22 | |
| 240 VAC | 800E-3RDD7 | |
| 34 Transformer elements 50/60 Hz for mounting on lamp elements primary secondary | | 1 |
| 110...120 V | 6 V 1.2 VA | |
| 220...240 V | 6 V 1.2 VA | |
| 380...415 V | 6 V 1.2 VA | |
| 440...480 V | 6 V 1.2 VA | |
| 220...240 V | 24 V 1.2 VA | |
| 35 Transformer elements 50/60 Hz with lamp element primary secondary | | 1 |
| 110...120 V | 6 V 1.2 VA | |
| 220...240 V | 6 V 1.2 VA | |
| 600 V | 6 V 1.2 VA | |
| 220...240 V | 24 V 1.2 VA | |
| 400 V | 24 V 1.2 VA | |
| 36 Incandescent lamps, neon lamps or LED see page 11-82. | | |

PQ = Package Quantity

Incandescent Lamps, LED - Page 11-82
 Accessories - Page 11-78
 Specifications - Page 11-116
 Dimensions - Page 11-120

Specifications for the Front Elements

Mechanical Power Ratings

| Description | Plastic (800EP/ES) | Metal (800EM) |
|---|---|-------------------------------|
| Vibration Resistance (if mounted) | 10...2000 Hz, max shifting 1.52 mm / 10 G max. | |
| Shock Resistance | 1/2 sinus wave (without damage) 100 G, 11 ms | |
| Protection Class | IP66 (NEMA Type 3/3R/4/4X/12/13) IP65 (only potentiometer) (NEMA Type 4/4X/13) IP40 Multi-function operator without sealing cap IP66 Multi-function operator with sealing cap | IP66 (NEMA Type 3/3R/4/12/13) |
| Mechanical Lifespan | Non-illuminated push buttons 10,000,000 operations Illuminated push buttons 3,000,000 operations Multi-function operators 3,000,000 operations Momentary mushroom operators, selector switch operators 500,000 operations Illuminated selector switch operators 200,000 operations Mushroom operators with key lock (plastic), selector jog operators, wobble stick operators and Joy stick operators 100,000 operations Mushroom operators with key lock (metal) 50,000 operations | |
| Operating Force | 5N: flush and raised | |
| Ambient Temperature | | |
| Operation [°C] | -25...+55 ❶ | |
| Storage [°C] | -40...+70 (85 °C for max. 24 hours) | |
| Climatic Withstand | 50% up to 95% RH from 25...60 °C (77...140 °F) per: instruction IV MIL-STD-810C, Method 507.1 cycle test | |

❶ Operating temperature below 0 °C is only possible without humidity

Specifications for Contact Blocks, Lamp and Transformer Elements

Electrical Power Ratings

| Description | 2-Across on 1 st Level | 3-Across on 1 st Level |
|---|---|---|
| Standard Contact Blocks | AC 15: 3 A, 240 V DC 13: 0.55 A, 125 V | (see page 11-118) |
| Low Voltage Contact Blocks | 5...48V DC and 1...100 mA 240V AC max. and 0.4 A max. PenTUFF™: Contacts | 1 mA DC min. 600V AC NEMA A600, Q600 (see page 11-118) |
| Rated Thermal Current I_{th} | 10 A max. continuous current per UL508, CSA22.2 #14, IEC 947, VDE 0660, Part 200 | 10 A max. continuous current without enclosure (40 °C) 6 A with enclosure (60 °C) |
| Rated Insulation Category U_i | Category C, 500V per VDE 0110 600V (UL / CSA) | |
| Terminal Marking | According to CENELEC EN50013 | |
| Terminals | 0.75...2.5 mm ² max. 2 x 2.5 mm ² or 1 x 4 mm ² | 0.75...2.5 mm ² max. 2 x 2.5 mm ² or 1 x 4 mm ² |
| Rated Insulation Category U_i | Group C, 500 V per VDE 0110 600 V UL, CSA | Group C, 500 V per VDE 0110 600 V UL, CSA |
| Pre Fuse | Standard Contacts: 10 A gl or N type cartridge fuse per IEC 269-1, 269-2 (1986) PenTUFF™ Contacts: 6 A gl or N type cartridge fuse per IEC 269-1, 269-2 (1986) | 10 A slow (DT, gl) |
| Electrical Lifespan | 1,000,000 operations at 2 A | 1,000,000 operations at 2 A |
| Protection Class | Finger safe IP2X | |

Mechanical Power Ratings

| Description | 2-Across on 1 st Level | 3-Across on 1 st Level |
|---|--|--|
| Vibration Resistance (if mounted) [G] | 10...2000 Hz, max. shifting 1.52 mm / 10 G max. 6 hours | 10...150 Hz, max. shifting 0.15 mm / 2 G max. 6 hours |
| Schock Resistance [G] | 1/2 sinus wave (without damage) max. 100 G, 11 ms | 1/2 Sinus wave (without damage) max. 50 G, 11 ms |

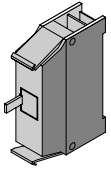
Environment

| Description | 2-Across on 1 st Level | 3-Across on 1 st Level |
|--|--|--|
| Ambient Temperature Operation [°C] Storage [°C] | -25...+55°C ① -25...+55°C (70°C for max. 24 hours) | |
| Climatic Withstand | 50 % up to 95 % RH from 25 °C...60 °C (77...140 °F) per: Instruction IV MIL-STD- 810C, Method 507.1 cycle test | 40 °C (104 °F) @95 % RH for 56 days 23 °C (73.4 °F), 83 % RH/40 °C (104 °F), 93 % RH for 20 cycles |

Materials

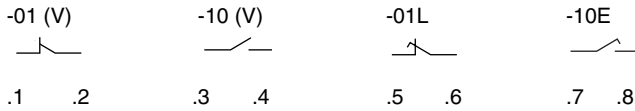
| Approvals | UL Listed / CSA Certified | UL Listed / CSA Certified |
|----------------------------------|---|---|
| Standards and Regulations | UL508, UL486E CSA22.2 #14, NEMA ICS-1 and ICS-2 (1983), IEC 144, IEC 947-1, IEC 947-5, VDE 0550, VDE 0660, Part 200 | NEMA ICS-1 and ICS-2 IEC 204-1, 947; SEV 1005, 1093; VDE 0113, 0660 Part 201; BS 4794; CEE 24; UL 486E, UL 508, CSA22.2 #14 |

Contact Blocks

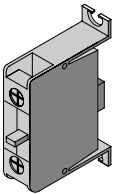


800E-3X... for front mounting

Front Mounting

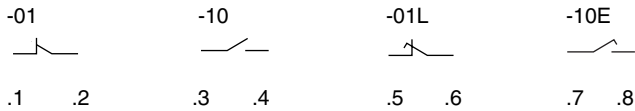


- Snap-on latch
- 2 contact levels
- Up to 3 contact blocks per contact level



800E-3BX... for base mounting

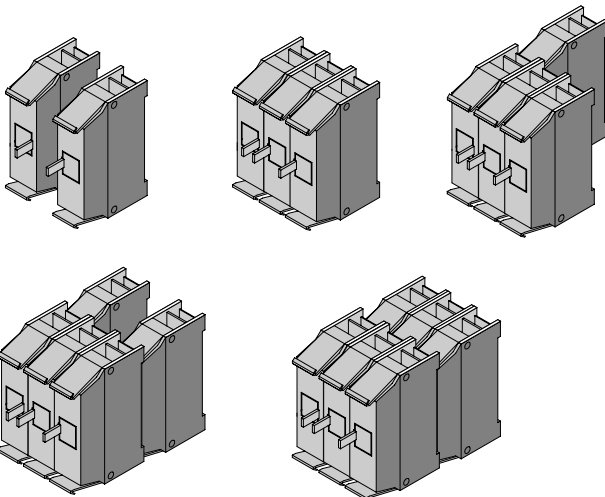
Base Mounting



- Snap-on to the inside of the enclosure base or onto a hat rail, or secure with two screwed fixing straps
- 3 contact blocks in one contact level possible

Possibilities to Combine (Front Mounting)

There are maximum 6 contact block to be combined.



Specifications

Rated Thermal Current I_{th}
 open (ambient 40 °C) 10 A
 enclosed (ambient 60 °C) 6 A

Rated Operating Voltage U_e 690 VAC

Rated Operating Current I_e

| | 24 V | 48 V | 110 V | 220 V | 240 V |
|-------|------|------|-------|-------|-------|
| AC-1 | 10 A | 10 A | 10 A | 10 A | 10 A |
| AC-15 | 8 A | 8 A | 6 A | 3 A | 3 A |

| | 380 V | 400 V | 415 V | 500 V | 690 V |
|-------|-------|-------|-------|-------|--------|
| AC-1 | 10 A | 10 A | 10 A | 10 A | 10 A |
| AC-15 | 2.1 A | 2 A | 2 A | 1.6 A | 0.75 A |

Rated Operating Current I_e

| DC-13 | 24 V | 48 V | 110 V | 125 V | 220 V |
|------------|-------|-------|--------|--------|-------|
| -01, -10 | 3 A | 1.5 A | 0.6 A | 0.6 A | 0.3 A |
| -01L, -10E | 1.3 A | 0.4 A | 0.13 A | 0.13 A | 0.1 A |

| DC-13 | 250 V | 400 V | 440 V | 500 V | 600 V |
|------------|-------|-------|-------|--------|--------|
| -01, -10 | 0.3 A | 0.2 A | 0.2 A | 0.15 A | 0.13 A |
| -01L, -10E | 65 mA | 26 mA | 26 mA | - | - |

Short Circuit Withstand

without welding slow (DT, gG) 10 A

Switching Rate 6000 operations/h

Fuse Rating

Permissible rated current fast (DT, gF) 16 A

slow (DT, gG) 10 A

Electrical Lifespan

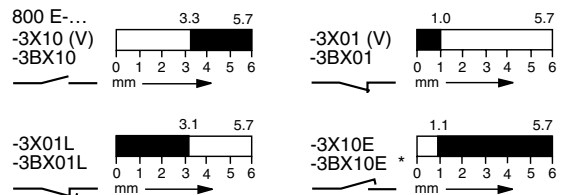
| AC-15 | 0.1 A | 1 A | 2 A | 3 A |
|------------------------|-------|-----|-----|-----|
| Millions of operations | 10 | 3 | 1 | 0.5 |

Contact Duty

electronic circuit (H-type bridges)

positive open for 800E-3X01
 800E-3X01V
 800E-3BX01
 800E-3X01L
 800E-3BX01L

Contact Travel



□ open
 ■ closed

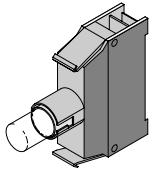
Terminal Marking

according to DIN EN 50 013

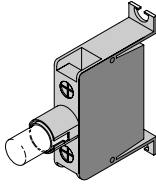
Terminals

0.75...2.5 mm² 18...22 AWG

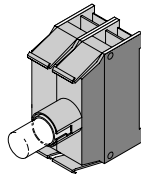
Lamp Elements



800E-3D0,
800E-3R...



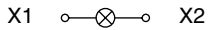
800E-3DB0,
800E-3RB...



800E-3DD0
800E-3RDD...

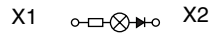
Versions

800E-3D0, 800E-3DB0



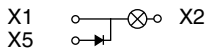
Standard element
Operating voltage
max. 250 V

800E-3R..., 800E-3RB...



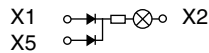
With series diode and resistors
at 220 VAC or 240 VAC
Use incandescent lamp 130 V/2.4 W

800E-3DD0



With central lamp test
Operating voltage
max. 250 V

800E-3RDD...



With central lamp test
With series diode and resistors
at 220 VAC or 240 VAC
Use incandescent lamp 130 V/2.4 W

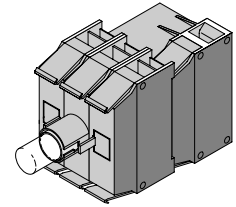
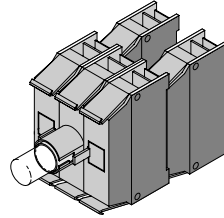
Specifications

Lamp ratings
Terminal markings
Terminals
Lamp socket

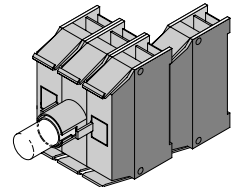
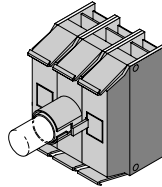
2 W (2.6 W for pilot lights)
according to DIN EN 50 013
0.75...2.5 mm²
BA 9s

Possibilities to Combine

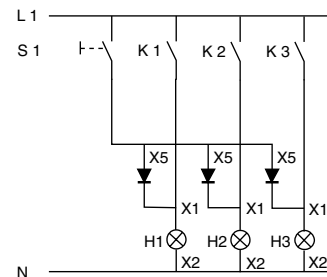
800E-3D0, 800E-3R... are to be combined with maximum 4 contact blocks or 2 contact blocks and one transformer element.



800E-3DD0, 800E-3RDD... are to be combined with maximum 2 contact blocks.



Central Lamp Test

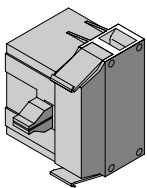


Transformer Elements

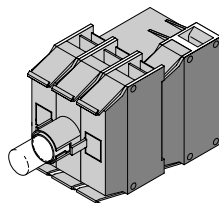
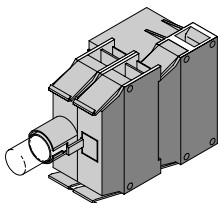
Specifications

Performance
Terminal markings
Terminals
Lamp socket

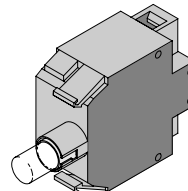
max. 1.2 VA, 50/60 Hz
according to DIN EN 50 013
0.75...2.5 mm²
BA 9s



800E-3TS...



Transformer Element with integrated Lamp Element



800E-3T... (without incandescent lamp)

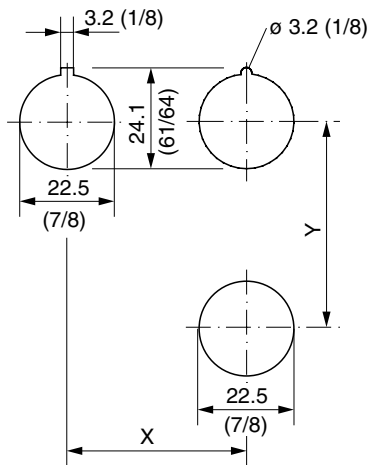


Possibilities to Combine

The 800E-3TS... transformer element may be combined with a lamp element 800E-3D0 or 800E-3R... and maximum 2 contact blocks.

Push Buttons Round

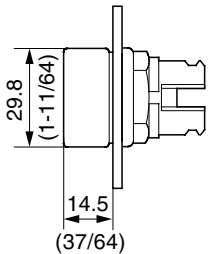
Dimensions in mm and (")



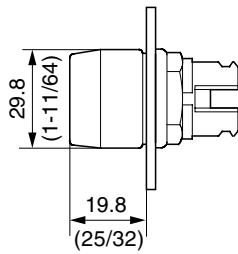
Panel thickness range 1...6 mm ($\frac{3}{64}$... $\frac{15}{64}$).
 Max. panel thickness reduced by 4.5 mm ($\frac{3}{16}$)
 when optional legend plate carries are used

| Panel Hole Distance | | | |
|---------------------------------------|---------------------------|-------------------------|-------------------------|
| Front Element | Legend Plate Carrier Used | X | Y |
| Push button | Any | 30 ($1\frac{3}{16}$) | 50 ($1\frac{31}{32}$) |
| Mushroom operator \varnothing 40 mm | Any | 40 ($1\frac{37}{64}$) | 50 ($1\frac{31}{32}$) |
| Mushroom operator \varnothing 60 mm | Any | 60 ($2\frac{3}{8}$) | 60 ($2\frac{3}{8}$) |
| Selector jog | Any | 48 ($1\frac{57}{64}$) | 50 ($1\frac{31}{32}$) |
| Any | \varnothing 60 mm | 60 ($2\frac{3}{8}$) | 60 ($2\frac{3}{8}$) |
| Any | \varnothing 90 mm | 90 ($3\frac{9}{16}$) | 90 ($3\frac{9}{16}$) |

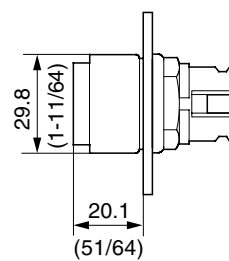
Non-Illuminated Momentary Push Button, Flush



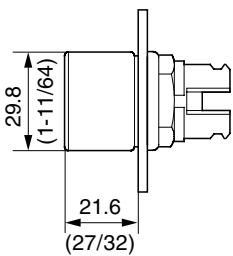
Illuminated Momentary Push Button, Flush



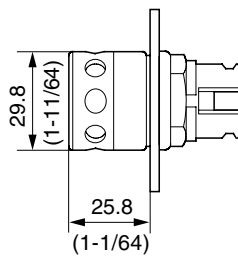
Non-Illuminated and Illuminated Momentary Push Button, Raised



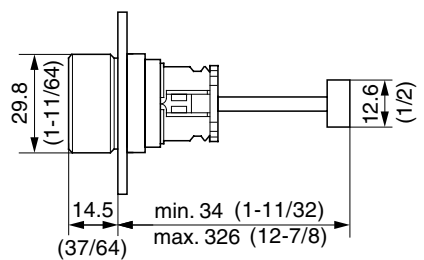
Non-Illuminated Momentary Push Button, Guarded



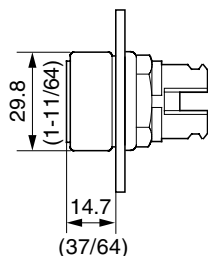
Illuminated Momentary Push Button, Guarded



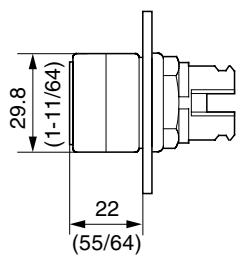
Non-Illuminated Reset Operator



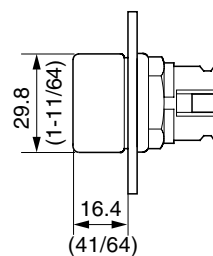
Non-Illuminated Maintained Push Button, Flush



Illuminated Maintained Push Button, Flush



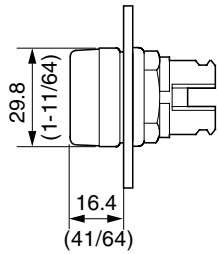
Pilot Light Standard



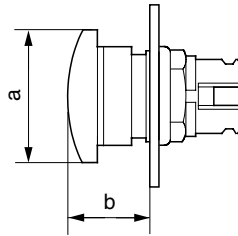
Push Buttons Round

Dimensions in mm and (")

Pilot Light, Optically Enhanced

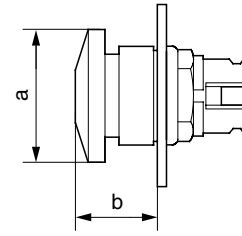


Non-Illuminated Momentary Mushroom Operator, Mushroom Operator, 40 mm or 60 mm



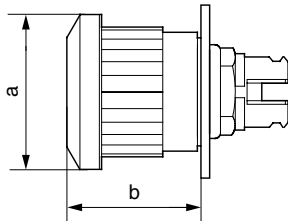
| a | b | |
|--|---|---|
| | OFF | ON |
| 40 (1 ⁹ / ₁₆) | 27 (1 ¹ / ₁₆) | 22.8 (5 ⁷ / ₆₄) |
| 60 (2 ²³ / ₆₄) | 27 (1 ¹ / ₁₆) | 22.8 (5 ⁷ / ₆₄) |

Momentary Mushroom Operator, Push-Twist/Pull to Release 40 mm or 60 mm



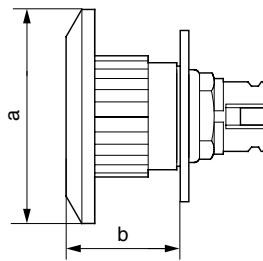
| a | b | |
|--|---|---|
| | OFF | ON |
| 40 (1 ⁹ / ₁₆) | 27 (1 ¹ / ₁₆) | 22.8 (5 ⁷ / ₆₄) |
| 60 (2 ²³ / ₆₄) | 27 (1 ¹ / ₁₆) | 22.8 (5 ⁷ / ₆₄) |

Non-Illuminated and Illuminated Momentary Mushroom Operator, Push-Twist/Pull to Release 40 mm or 60 mm



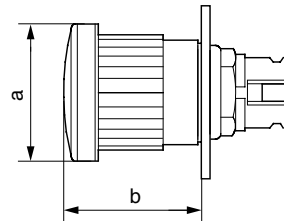
| a | b | |
|--|--|--|
| | OFF | ON |
| 40 (1 ³⁷ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 32.9 (1 ¹⁹ / ₆₄) |
| 60 (2 ²³ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 32.9 (1 ¹⁹ / ₆₄) |

Non-Illuminated and Illuminated Momentary Mushroom Operator, Push-Pull 40 mm or 60 mm



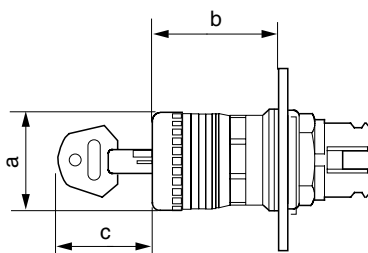
| a | b | | |
|--|--|--|--|
| | OFF | NEUTRAL | ON |
| 40 (1 ³⁷ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 35.3 (1 ²⁵ / ₆₄) | 32.9 (1 ¹⁹ / ₆₄) |
| 60 (2 ²³ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 35.3 (1 ²⁵ / ₆₄) | 32.9 (1 ¹⁹ / ₆₄) |

Illuminated Momentary Mushroom Operator, 40 mm or 60 mm



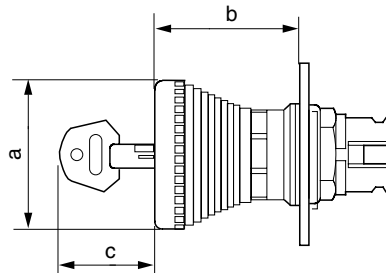
| a | b | |
|--|--|---|
| | OFF | ON |
| 40 (1 ³⁷ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 32.2 (1 ⁵ / ₁₆) |
| 60 (2 ²³ / ₆₄) | 37.9 (1 ³¹ / ₆₄) | 33.2 (1 ⁵ / ₁₆) |

EMERGENCY STOP Operator ø 30 mm



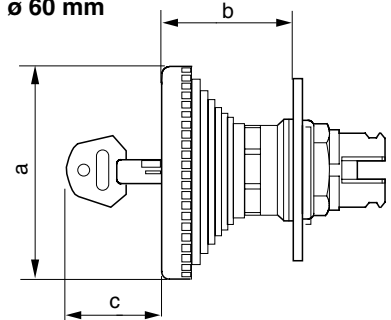
| a | b | | c | |
|--|-------------|-------------|-------------|-------------|
| | OFF | ON | Ronis | Zadi |
| 30 (1 ¹ / ₅) | 41 (1.6) | 36 (1.4) | 27 (1.1) | 24 (.94) |

EMERGENCY STOP Operator ø 40 mm



| a | b | | c | |
|-------------|-------------|-------------|-------------|-------------|
| | OFF | ON | Ronis | Zadi |
| 40 (1.6) | 41 (1.6) | 36 (1.4) | 27 (1.1) | 24 (.94) |

EMERGENCY STOP Operator ø 60 mm

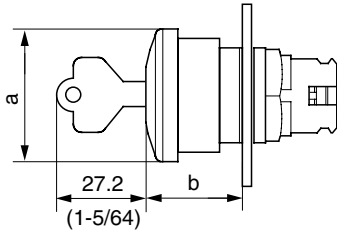


| a | b | | c | |
|-------------|-------------|-------------|-------------|-------------|
| | OFF | ON | Ronis | Zadi |
| 60 (2.4) | 41 (1.6) | 36 (1.4) | 27 (1.1) | 24 (.94) |

Push Buttons Round

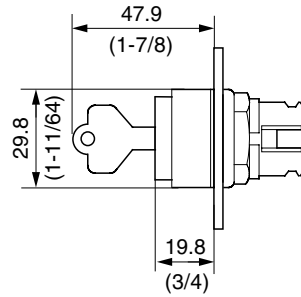
Dimensions in mm and (")

**Non-Illuminated
 Mushroom Key Operator
 40 mm and 60 mm**

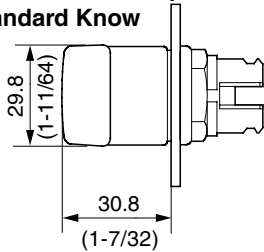


| a | b | |
|--|--|---|
| | OFF | ON |
| 40 (1 ⁹ / ₁₆) | 34 (1 ¹¹ / ₃₂) | 29.2 (1 ⁹ / ₆₄) |
| 60 (2 ¹⁹ / ₆₄) | 34 (1 ¹¹ / ₃₂) | 29.2 (1 ⁹ / ₆₄) |

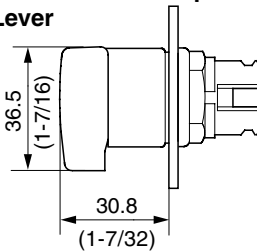
Key Operated Selector Switch Operator



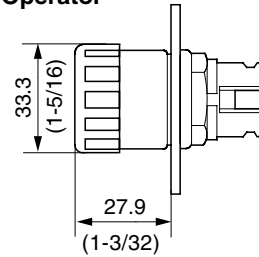
**Non-Illuminated and Illuminated
 Selector Switch Operator with
 Standard Know**



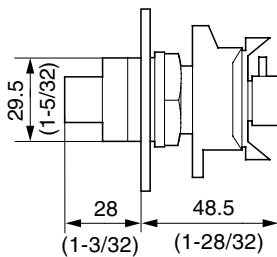
**Non-Illuminated and Illuminated
 Selector Switch Operator with
 Lever**



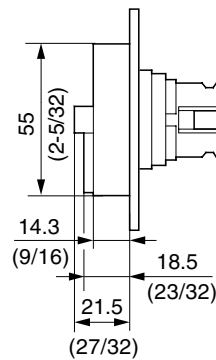
**Non-Illuminated Selector Jog
 Operator**



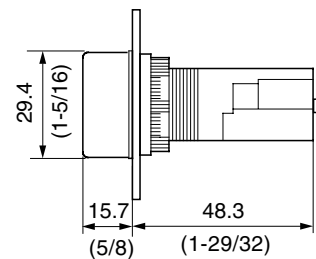
Potentiometer Drive Operator



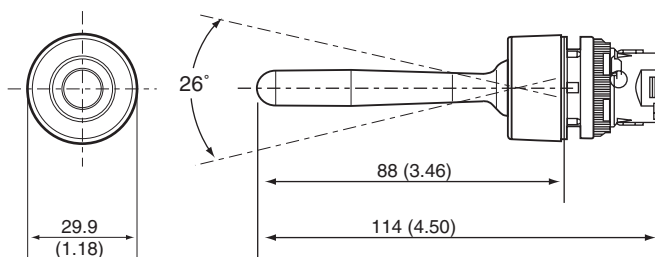
**Non-Illuminated and Illuminated
 Multi-Function Operator**



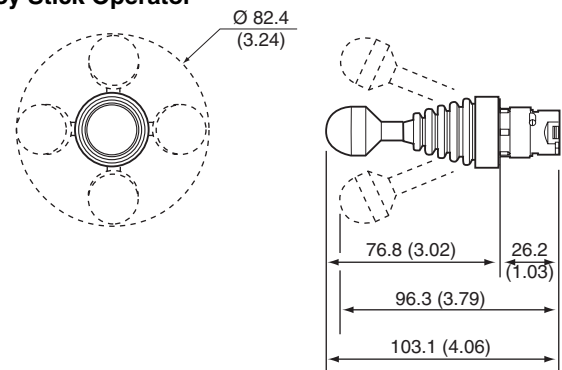
eco-Pilot Light Standard



Wobble Stick Operator



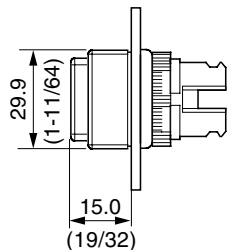
Joy Stick Operator



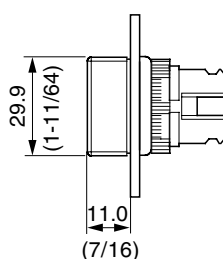
Push Buttons Square

Dimensions in mm and (")

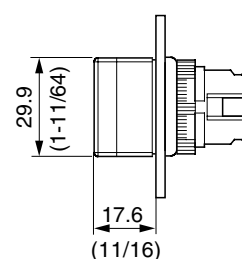
Non-Illuminated Push Button, Raised



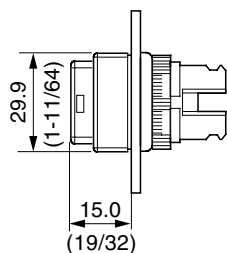
Non-Illuminated Push Button, Flush



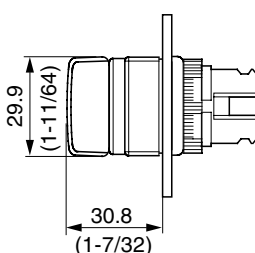
Illuminated Push Button, Flush



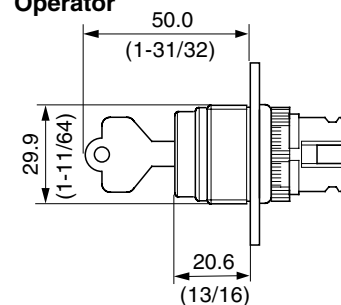
Illuminated Push Button, Raised



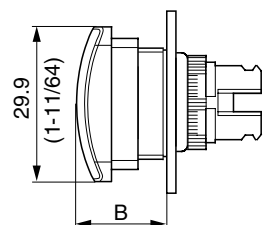
Non-Illuminated and Illuminated Selector Switch Operator with Standard Knob



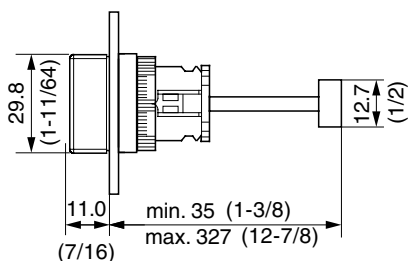
Key Operated Selector Switch Operator



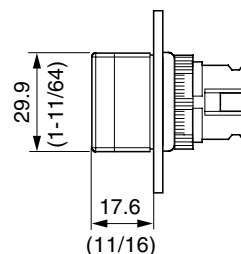
Non-Illuminated Mushroom Operator



Reset Operator

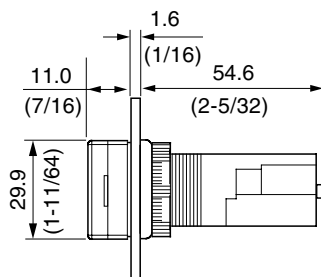


Non-Illuminated Push Button, Raised

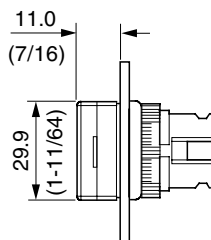


| B | |
|--------------|--------------|
| OFF | ON |
| 24.4 (31/32) | 19.6 (49/64) |

eco-Pilot Light Standard



Pilot Light Standard

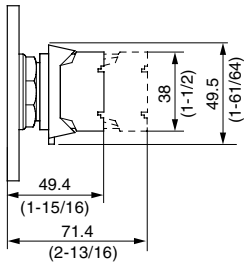


Contact Blocks, Lamp and Transformer Elements for Latch Mounting

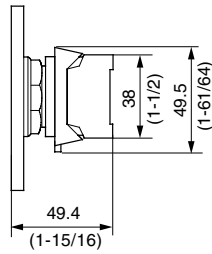
Dimensions in mm and (")

3-Across

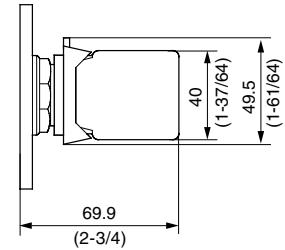
Contact Blocks Latch Included
(max. 2 Contact Levels)



Lamp Element Latch Included

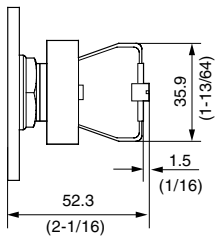


Transformer Element Latch Included

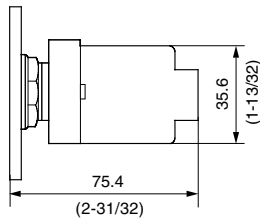


2-Across

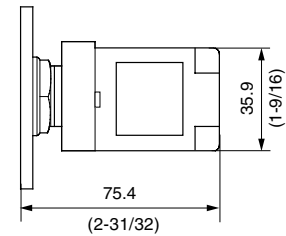
Contact Block „Low Voltage“ Latch included



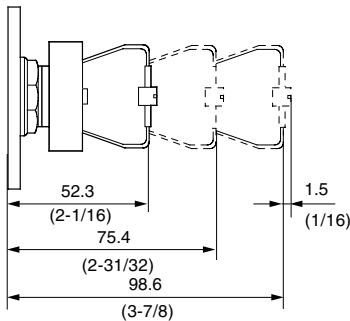
Lamp Element Latch included



Transformer Element Latch included



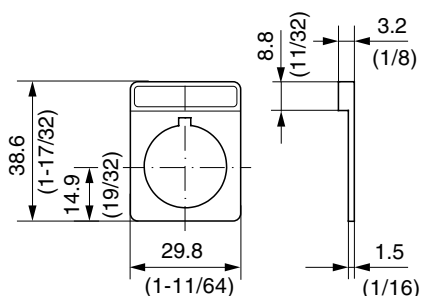
Contact Block Latch included (max. 3 Contact Levels)



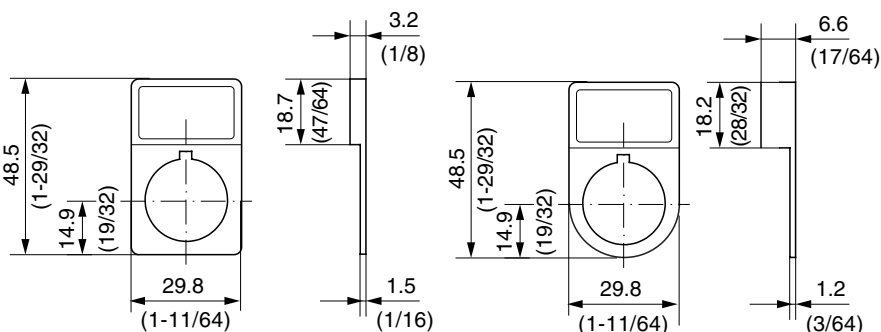
Accessories

Dimensions in mm and (")

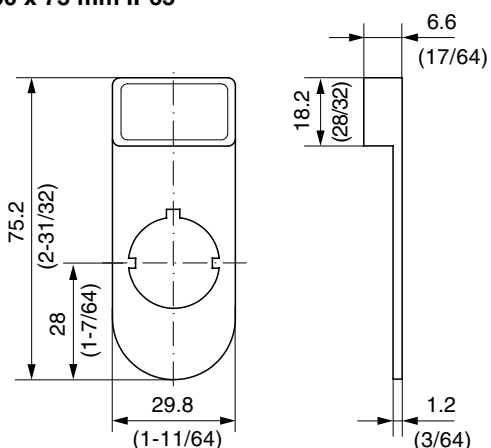
Legend Plate Carrier
30 x 40 mm IP65



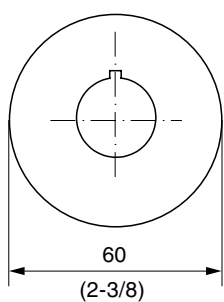
Legend Plate Carrier
30 x 50 mm IP65



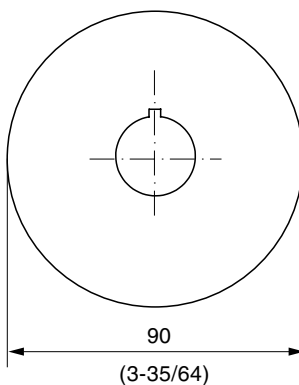
Legend Plate Carrier for Multi-Function Operator
30 x 75 mm IP65



EMERGENCY-STOP Ring ø 60 mm



EMERGENCY-STOP Ring ø 90 mm

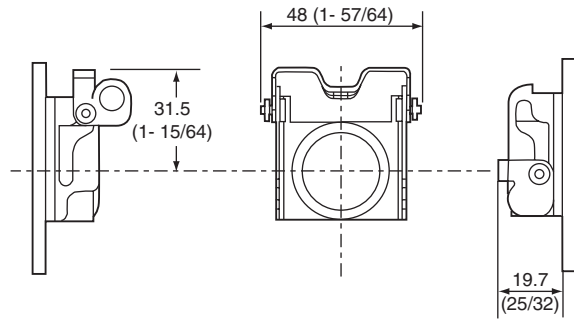


Accessories

Dimensions in mm and (")

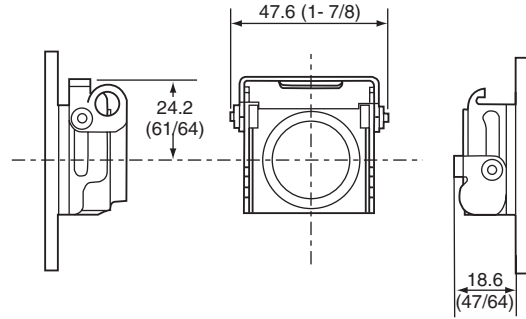
Locking Attachment

for flush non-illuminated push button



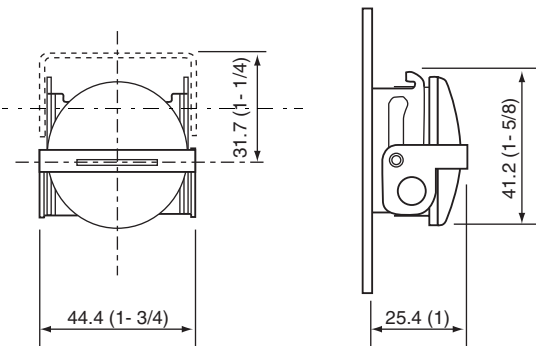
Locking Attachment

for raised non-illuminated push button



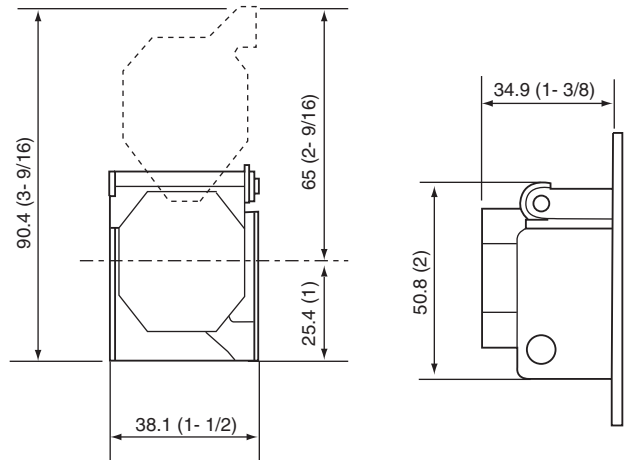
Locking Attachment

for mushroom operator \varnothing 40 mm



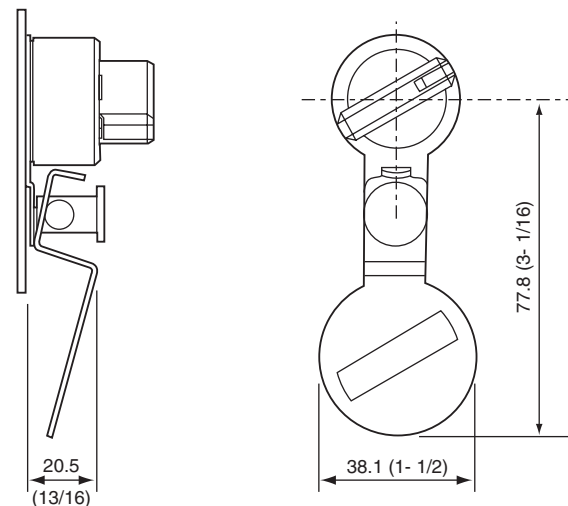
Locking Attachment

for push buttons
 for standard knob selector switch operators
 for potentiometer drive operators



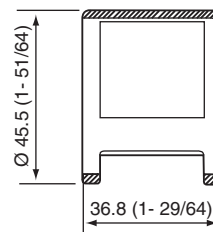
Locking Attachment ①

for 2 or 3 position selector switch operator



Protective Ring

for push-pull mushroom operator \varnothing 40 mm

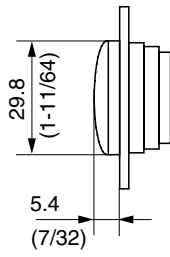


① This locking attachment may interfere with the operation of surrounding control and indicator devices.

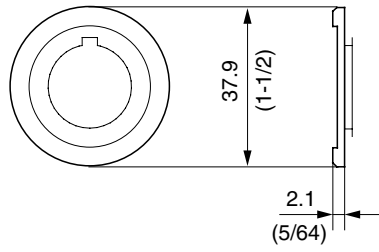
Accessories

Dimensions in mm and (")

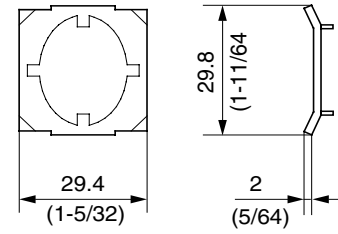
Hole Plug



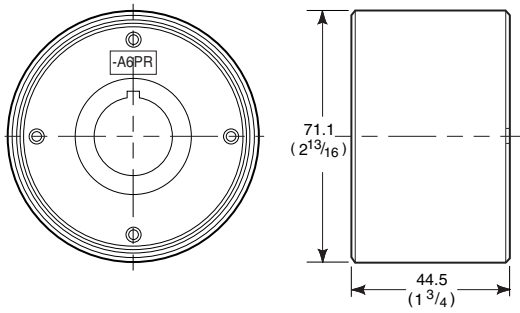
Adapter Ring



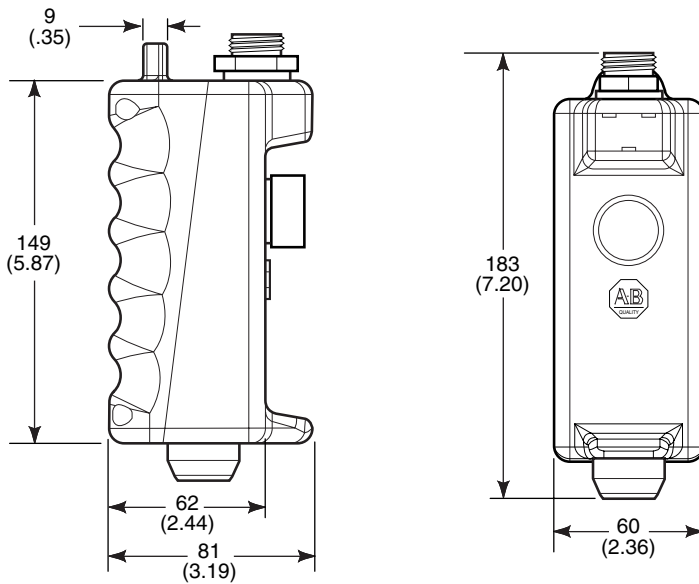
Anti-Rotating Washer



Plastic Protection



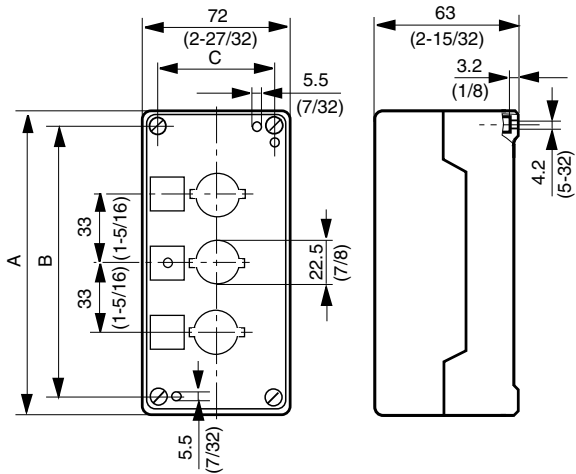
Control Enclosure



Accessories

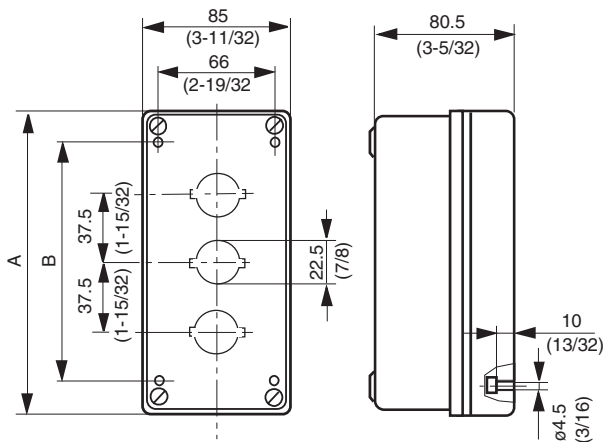
Dimensions in mm and (")

Plastic Enclosure for Base Mounting



| Plastic Enclosure for Base Mounting | | | | |
|-------------------------------------|--------------|---|---|---|
| Type | No. of Holes | A | B | C |
| 800E-1P 800E-1PY | 1 | 72 (2 ²⁷ / ₃₂) | 59 (2 ⁵ / ₁₆) | 41 (1 ⁵ / ₈) |
| 800E-2P | 2 | 105 (4 ¹ / ₈) | 92 (3 ⁵ / ₈) | 41 (1 ⁵ / ₈) |
| 800E-3P | 3 | 138 (5 ⁷ / ₁₆) | 125 (4 ²⁹ / ₃₂) | 41 (1 ⁵ / ₈) |
| 800E-5P | 5 | 215 (8 ¹⁵ / ₃₂) | 184 (7 ¹ / ₄) | 59 (2 ⁵ / ₁₆) |

Aluminium Enclosure for Base Mounting



| Aluminium Enclosure for Base Mounting | | | |
|---------------------------------------|--------------|---|---|
| Type | No. of Holes | A | B |
| 800E-1M 800E-1MY | 1 | 99 (3 ⁹ / ₃₂) | 62 (2 ⁷ / ₁₆) |
| 800E-2M | 2 | 137 (5 ¹³ / ₃₂) | 100 (3 ¹⁵ / ₁₆) |
| 800E-3M | 3 | 174 (6 ²⁷ / ₃₂) | 137 (5 ¹³ / ₃₂) |
| 800E-5M | 5 | 249 (9 ¹³ / ₁₆) | 212 (8 ¹¹ / ₃₂) |

Contact Block for Mounting Assembly

