

## Control Buttons / Switches for Panel Mounting

### Series 8003

STAHL



- > Different actuators
  - pushbutton
  - mushroom pushbutton
  - mushroom stay-put button
  - mushroom stay-put button with key lock
  - key-operated button
  - key-operated switch
  - selector switch
- > 2 contact elements
- > Spring clamp terminals with connection chamber
- > Simple fitting
- > Functions "latching", "spring-return" and "key not withdrawable" can be coded

E4



03129E00

The panel-mounting devices Types 8003/1.1, 8003/1.2 and 8003/1.3 switch load, control and signal circuits. Types 8003/1.1 and 8003/1.3 are complete explosion-protected electrical devices. They are suitable for mounting in panels, covers of electrical devices and switch-boards. Types 8003/1.2 are incomplete explosion-protected devices and only suitable for mounting into enclosures with type of protection "Increased Safety" according to IEC/EN 60079-7.

The products are designed for single-hole fixing D 30 acc. to EN 50007 in combination with actuators Type 8602/2.

| ATEX / IECEx |   |   |   |    |    |    | Class I<br>(NEC 505) (NEC 506) |   |   |   |    |    | Class I<br>Class II<br>Class III |            |   |   |   |   |   |   |
|--------------|---|---|---|----|----|----|--------------------------------|---|---|---|----|----|----------------------------------|------------|---|---|---|---|---|---|
| Zone         | 0 | 1 | 2 | 20 | 21 | 22 | Zone                           | 0 | 1 | 2 | 20 | 21 | 22                               | Division   | 1 | 2 | 1 | 2 | 1 | 2 |
| For use in   |   | x | x |    | x  | x  | For use in                     |   | x |   |    |    |                                  | For use in |   | x |   | x |   |   |

WebCode 8003A

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### Series 8003

Selection Table

| Version                                                                                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                           |         | Order number            | Weight<br>kg |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------|--------------|
| <br>Pushbutton,<br>8003/1..-001                                     | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-001</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-001</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NO / NO | <b>8003/131-001</b>     | 0.140        |
| <br>Mushroom button,<br>8003/1..-003                                | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-003</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-003</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NO / NO | <b>8003/131-003</b>     | 0.140        |
| <br>Mushroom<br>stay-put button,<br>8003/1..-010                    | Ø 38 mm, red (EM-STOP)                                                                                                                                                                                                                                                                                                                                                                                |         |                         |              |
|                                                                                                                                                      | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-010</b>     | 0.125        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-010</b>     | 0.125        |
| <br>Mushroom<br>stay-put button,<br>8003/1..-012                  | Ø 38 mm, black                                                                                                                                                                                                                                                                                                                                                                                        |         |                         |              |
|                                                                                                                                                      | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-012</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-012</b>     | 0.140        |
| <br>Mushroom<br>stay-put button,<br>8003/1..-015                  | Ø 55 mm, red (EM-STOP)                                                                                                                                                                                                                                                                                                                                                                                |         |                         |              |
|                                                                                                                                                      | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-015</b>     | 0.145        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-015</b>     | 0.145        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NO / NO | <b>8003/131-015</b>     | 0.145        |
| <br>Mushroom<br>stay-put button<br>with key lock,<br>8003/1..-009 | Ø 38 mm, red (EM-STOP)                                                                                                                                                                                                                                                                                                                                                                                |         |                         |              |
|                                                                                                                                                      | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NO / NC | <b>8003/111-009-MS1</b> | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NC / NC | <b>8003/121-009</b>     | 0.140        |
| <br>Mushroom<br>stay-put button with<br>key lock,<br>8003/1..-006 | Ø 38 mm, black                                                                                                                                                                                                                                                                                                                                                                                        |         |                         |              |
|                                                                                                                                                      | Spring clamp terminal with connection chamber                                                                                                                                                                                                                                                                                                                                                         | NC / NC | <b>8003/121-006</b>     | 0.140        |
|                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                       | NO / NO | <b>8003/131-006</b>     | 0.140        |
| Note                                                                                                                                                 | <ul style="list-style-type: none"> <li>- yellow label for EM-STOP function is enclosed</li> <li>- plates must be ordered separately; see accessories</li> <li>- versions with 3 m, 6 m or 15 m connecting cable on request</li> <li>- key-operated switch with "spring-return" functions and/or "key not removable" on request</li> <li>- versions with other locking cylinders on request</li> </ul> |         |                         |              |

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Selection Table

| Version                                                                                                                     | Description                                      |         | Order number   | Weight<br>kg |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|----------------|--------------|
| <br>Key-operated switch,<br>8003/1..-008-2 | 2 positions                                      |         |                |              |
|                                                                                                                             | Spring clamp terminal with<br>connection chamber | NO / NC | 8003/111-008-2 | 0.140        |
|                                                                                                                             |                                                  | NC / NC | 8003/121-008-2 | 0.140        |
|                                                                                                                             |                                                  | NO / NO | 8003/131-008-2 | 0.140        |
| <br>Key-operated switch,<br>8003/1..-008-3 | 3 positions                                      |         |                |              |
|                                                                                                                             | Spring clamp terminal with<br>connection chamber | NO / NC | 8003/111-008-3 | 0.140        |
|                                                                                                                             |                                                  | NC / NC | 8003/121-008-3 | 0.140        |
|                                                                                                                             |                                                  | NO / NO | 8003/131-008-3 | 0.140        |
|                                                                                                                             |                                                  | NC / NO | 8003/141-008-3 | 0.140        |
| <br>Selector switch,<br>8003/1..-005       | Spring clamp terminal with<br>connection chamber | NO / NC | 8003/111-005   | 0.125        |
|                                                                                                                             |                                                  | NC / NC | 8003/121-005   | 0.125        |
|                                                                                                                             |                                                  | NO / NO | 8003/131-005   | 0.125        |

Note

- yellow label for EM-STOP function is enclosed
- plates must be ordered separately; see accessories
- versions with 3 m, 6 m or 15 m connecting cable on request
- key-operated switch with "spring-return" functions and/or "key not removable" on request
- versions with other locking cylinders on request

### Explosion Protection

#### Marking

|                           |          |                                |  |
|---------------------------|----------|--------------------------------|--|
| IECEX                     |          |                                |  |
| Gas explosion protection  | 8003/1.1 | Ex d e IIC T6                  |  |
|                           | 8003/1.2 | Ex d e IIC                     |  |
|                           | 8003/1.3 | Ex d e IIC T6                  |  |
| Dust explosion protection | 8003/1.1 | Ex tD A21 IP 65 T80°C          |  |
|                           | 8003/1.3 |                                |  |
| Europe (ATEX)             |          |                                |  |
| Gas explosion protection  | 8003/1.1 | Ex II 2 G Ex d e IIC T6        |  |
|                           | 8003/1.2 | Ex II 2 G Ex d e IIC           |  |
|                           | 8003/1.3 | Ex II 2 G Ex d e IIC T6        |  |
| Dust explosion protection | 8003/1.1 | Ex II 2 D Ex tD A21 IP65 T80°C |  |
|                           | 8003/1.3 |                                |  |

#### Certificates

|                    |          |                                                                                                  |  |
|--------------------|----------|--------------------------------------------------------------------------------------------------|--|
| IECEX              |          |                                                                                                  |  |
|                    | 8003/1.1 | IECEX PTB 06.0065X                                                                               |  |
|                    | 8003/1.2 | IECEX PTB 06.0066U                                                                               |  |
|                    | 8003/1.3 | IECEX PTB 06.0065X                                                                               |  |
| Europe (ATEX)      |          |                                                                                                  |  |
|                    | 8003/1.1 | PTB 02 ATEX 1057 X                                                                               |  |
|                    | 8003/1.2 | PTB 02 ATEX 1080 U                                                                               |  |
|                    | 8003/1.3 | PTB 02 ATEX 1057 X                                                                               |  |
| Other certificates |          | India (PESO), Kazakhstan (JSC), Russia (CTB), Ukraine (ISCVE), USA (UL), Belarus (Gospromnadzor) |  |

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### Series 8003

#### Technical Data

##### Electrical data

|                           |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Rated operational voltage | max. 550 V                                                                        |                                                                                   |                                                                                    |                                                                                     |
| Rated operational current | max. 6 A                                                                          |                                                                                   |                                                                                    |                                                                                     |
| Schematic                 |  |  |  |  |
|                           | 10503E00                                                                          | 09792E00                                                                          | 09791E00                                                                           | 09790E00                                                                            |
|                           | 8003/11.                                                                          | 8003/12.                                                                          | 8003/13.                                                                           | 8003/14.                                                                            |
| Min. voltage*             | 12 V AC / DC                                                                      |                                                                                   |                                                                                    |                                                                                     |
| Min. current*             | 50 mA                                                                             |                                                                                   |                                                                                    |                                                                                     |
|                           | * Typical values dependent on conditions of use                                   |                                                                                   |                                                                                    |                                                                                     |
| Switching capacity        | Rated operating characteristics according to utilisation category                 |                                                                                   |                                                                                    |                                                                                     |
|                           | AC-15                                                                             | AC-12                                                                             | DC-13                                                                              | DC-13                                                                               |
|                           | 500 V                                                                             | 500 V                                                                             | 60 V                                                                               | 110 V                                                                               |
|                           | max. 6 A                                                                          | max. 6 A                                                                          | max. 6 A                                                                           | max. 1 A                                                                            |
|                           | max. 1250 VA                                                                      | max. 3000 VA                                                                      |                                                                                    | max. 110 W                                                                          |

##### Ambient Conditions

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Ambient temperature | - 20 ... + 60 °C                                 |
|                     | - 55 ... + 60 °C for versions with silicone seal |

##### Mechanical data

|                      |                                          |
|----------------------|------------------------------------------|
| Degree of protection | IP65 (front side IP66)                   |
|                      | Level of protection acc. to IEC/EN 60529 |
| Material             |                                          |
| Enclosure            | Polyamide                                |
| Contact material     |                                          |
| Standard             | Silver-nickel                            |
| Special              | Silver-nickel, gold-plated               |
| Service life         |                                          |
| Contact element      | 10 <sup>6</sup> operating cycles         |

##### Mounting / Installation

|                          |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Cable entry              | Type 8003/1.1: M16 x 1.5 (ø 4 - 9 mm)                                                                                                 |
| Connection cross-section | 8003/1.1: 0.75 ... 1.5 mm <sup>2</sup><br>8003/1.2: 0.5 ... 2.5 mm <sup>2</sup><br>8003/1.3: 4 x 1 mm <sup>2</sup> , connecting cable |

#### Technical Data

|                                        |                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pushbutton                             | Spring return function; interchangeable identification plates                                                                                                                 |
| Mushroom button                        | Spring return function; not padlockable; black; mushroom diameter ø 38 mm                                                                                                     |
| Mushroom stay-put button               | Press to lock, turn right to unlock; mushroom diameter ø 38 mm red or black, or ø 55 mm red, yellow support plate enclosed, can be used for EM-STOP function                  |
| Mushroom stay-put button with key lock | Press to lock, unlocking only possible via key; mushroom diameter ø 38 mm red or black, yellow support plate enclosed, can be used for EM-STOP function; standard locking MS1 |
| Key-operated switch                    | Switch function with 2 or 3 latching positions; key removable in all positions; "spring return" and/or "key not removable" functions are codable; standard locking MS1        |
| Selector switch                        | Rotary knob with 2 latching positions; interchangeable identification plates                                                                                                  |

# Control Buttons / Switches for Panel Mounting

## Series 8003

STAHL

### Coding of Actuators of Series 8602

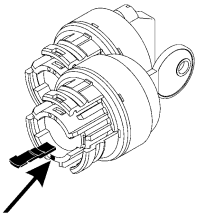
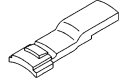
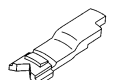
You can change the "latching/spring return" behaviour of the actuators of Series 8602 for control switches and key-operated switches yourself on site.

For the actuators for key-operated switches, you can also code the "key withdrawable" function on site.

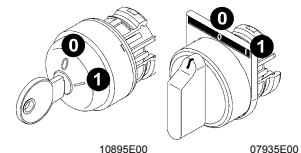
The "latching or "spring return" and "key withdrawable" functions can be changed at any time according to your own requirements.

#### Actuators with 2 switching positions

for key-operated switches with 2 switching positions assembly code 008,  
for rotary actuator with 2 switching positions assembly code 727

| Coding element                                                                                                                                                                            | Switching position I                                                              | Switching position 0                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------|
|                                                                                                                                                                                           |  |                                                  |
| none                                                                                                                                                                                      | latching<br>key withdrawable                                                      | latching<br>key withdrawable;<br>cannot be coded |
| yellow<br>                                                                                              | spring return<br>key not withdrawable                                             |                                                  |
| red<br>                                                                                                | latching<br>key not withdrawable                                                  |                                                  |
| Note: The code for the unlockable rotary actuator assembly code 726 with 2 switching positions cannot be changed since it has already been coded ex factory as latching or spring return. |                                                                                   |                                                  |

#### 2 switching positions

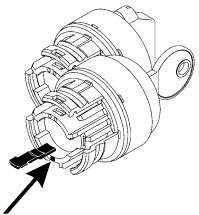
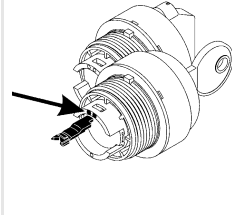
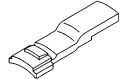
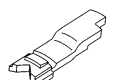


0 = switching position 0  
1 = switching position I

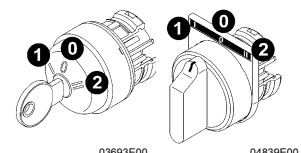
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#### Actuators with 3 switching positions

for key-operated switches with 3 switching positions assembly code 008,  
for rotary actuator with 3 switching positions assembly codes 726, 727

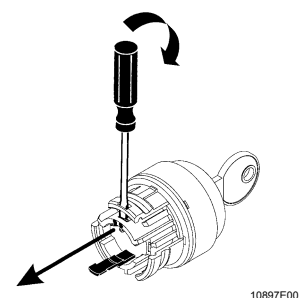
| Coding element                                                                                | Switching position I                                                                | Switching position II                                                               | Switching position 0                             |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|
|                                                                                               |  |  |                                                  |
| none                                                                                          | latching<br>key withdrawable                                                        | latching<br>key withdrawable                                                        | latching<br>key withdrawable;<br>cannot be coded |
| yellow<br> | spring return<br>key not withdrawable                                               | spring return<br>key not withdrawable                                               |                                                  |
| red<br>    | --                                                                                  | latching<br>key not withdrawable                                                    |                                                  |
| green<br>  | latching<br>key not withdrawable                                                    | --                                                                                  |                                                  |

#### 3 switching positions



0 = switching position 0  
1 = switching position I  
2 = switching position II

#### Dismounting of the coding elements



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### Series 8003

#### Accessories and Spare Parts

| Designation                           | Illustration                                                                                    | Description                                                                                                                                                                                   | Art. no.      | Weight<br>kg |
|---------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|
| Actuator                              | <br>05733E00   | for pushbuttons<br><b>8003/...-001</b>                                                                                                                                                        | <b>155525</b> | 0.023        |
|                                       | <br>05538E00   | for mushroom pushbuttons<br>Ø 38 mm, black<br><b>8003/...-003</b>                                                                                                                             | <b>155526</b> | 0.028        |
|                                       | <br>05536E00   | for mushroom stay-put buttons<br>Ø 38 mm, red<br>(EM-STOP)<br><b>8003/...-010</b>                                                                                                             | <b>155531</b> | 0.030        |
|                                       |                                                                                                 | for mushroom stay-put buttons<br>Ø 38 mm, black<br><b>8003/...-012</b>                                                                                                                        | <b>155541</b> | 0.030        |
|                                       | <br>05533E00   | for mushroom stay-put buttons<br>Ø 55 mm, red (EM-STOP)<br><b>8003/...-015</b>                                                                                                                | <b>155532</b> | 0.033        |
|                                       | <br>05537E00   | for mushroom stay-put button with<br>key-lock<br>Ø 38 mm, black<br><b>8003/...-006</b>                                                                                                        | <b>155540</b> | 0.062        |
|                                       |                                                                                                 | for mushroom stay-put buttons<br>with key lock<br>Ø 38 mm, red<br>(EM-STOP)<br><b>8003/...-009</b>                                                                                            | <b>155530</b> | 0.062        |
|                                       | <br>05734E00 | for key-operated switches with<br>2 switching positions<br><b>8003/...-008-2</b>                                                                                                              | <b>155528</b> | 0.049        |
|                                       |                                                                                                 | for key-operated switches with<br>3 switching positions<br><b>8003/...-008-3</b>                                                                                                              | <b>155529</b> | 0.049        |
|                                       | <br>05539E00 | for selector switches<br><b>8003/...-005</b>                                                                                                                                                  | <b>155527</b> | 0.030        |
| Spare key                             | <br>10545E00 | for all key-operated buttons / key-operated switches<br>Standard locking MS1                                                                                                                  | <b>107109</b> | 0.008        |
|                                       |                                                                                                 | Special locking MS2 ... MS20 (specify as text)                                                                                                                                                | <b>107110</b> | 0.008        |
| Closing part                          | <br>05647E00 | for closing of unused mounting holes Ø 30.5 mm                                                                                                                                                | <b>155329</b> | 0.016        |
| Support plate, yellow                 | <br>05024E00 | for buttons with EM-STOP function<br>Ø 38 mm                                                                                                                                                  | <b>130391</b> | 0.001        |
|                                       |                                                                                                 | Ø 55 mm                                                                                                                                                                                       | <b>130524</b> | 0.002        |
| Additional<br>identification plate    | <br>05543E00 | Label mount, size 1, without symbol label<br>Text: 1 line                                                                                                                                     | <b>155632</b> | 0.001        |
|                                       |                                                                                                 | Label mount, size 2, without symbol label<br>Text: 1 or 2 lines                                                                                                                               | <b>155687</b> | 0.002        |
|                                       |                                                                                                 | Label mount, size 3, without symbol label<br>Text: 1, 2 or 3 lines                                                                                                                            | <b>155844</b> | 0.002        |
|                                       |                                                                                                 | for actuators to fit Ø 30.5 mm holes<br>Symbol labels: without text                                                                                                                           |               |              |
|                                       |                                                                                                 | with text; please specify text:<br>HAND - 0 - AUTO      I - 0 - II<br>OFF - • - ON          0 - I - II<br>0 - I                      0 - Betrieb - I<br>I - II                      0 - • - I |               |              |
| Coding kit for<br>key-operated switch |                                                                                                 | Coding kit for key-operated switches Types 8003/...-008-.                                                                                                                                     |               |              |
|                                       |                                                                                                 | Coding element, 1 x red, 1 x yellow                                                                                                                                                           | <b>155432</b> | 0.001        |
|                                       |                                                                                                 | Coding element, 2 x yellow                                                                                                                                                                    | <b>155373</b> | 0.001        |
|                                       |                                                                                                 | Coding element, 1 x green, 1 x red                                                                                                                                                            | <b>155403</b> | 0.001        |

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Series 8003

STAHL

### Accessories and Spare Parts

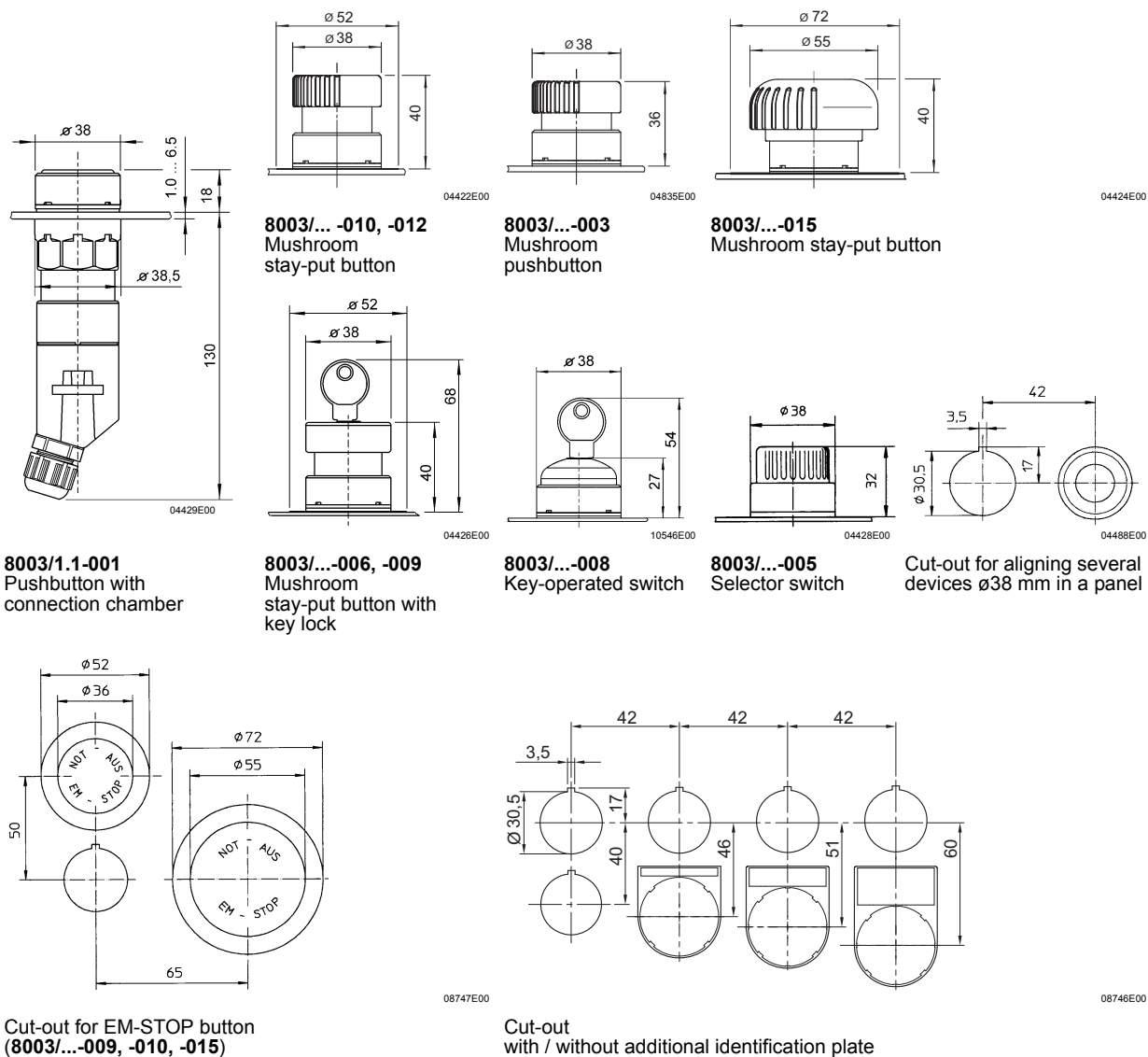
| Designation                                     | Illustration                                                                                  | Description |                            | Art. no. | Weight<br>kg |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|----------------------------|----------|--------------|
| Symbol label for pushbutton and selector switch | <br>05753E00 | Colour      | Text                       |          |              |
|                                                 |                                                                                               | blue        | Plain label (specify text) | 155910   | 0.001        |
|                                                 |                                                                                               | yellow      | Plain label (specify text) | 155913   | 0.001        |
|                                                 |                                                                                               | red         | Plain label (specify text) | 155896   | 0.001        |
|                                                 |                                                                                               | green       | Plain label (specify text) | 155900   | 0.001        |
|                                                 |                                                                                               | white       | Plain label (specify text) | 155907   | 0.001        |
|                                                 |                                                                                               | black       | Plain label (specify text) | 155904   | 0.001        |
|                                                 |                                                                                               | blue        | Plain label                | 155911   | 0.001        |
|                                                 |                                                                                               | yellow      | Plain label                | 155914   | 0.001        |
|                                                 |                                                                                               | red         | Plain label                | 155897   | 0.001        |
|                                                 |                                                                                               | green       | Plain label                | 155901   | 0.001        |
|                                                 |                                                                                               | white       | Plain label                | 155908   | 0.001        |
|                                                 |                                                                                               | black       | Plain label                | 155905   | 0.001        |
|                                                 |                                                                                               | black       | I                          | 155846   | 0.001        |
|                                                 |                                                                                               | green       | I                          | 155689   | 0.001        |
|                                                 |                                                                                               | white       | I                          | 155892   | 0.001        |
|                                                 |                                                                                               | black       | II                         | 155854   | 0.001        |
|                                                 |                                                                                               | green       | II                         | 155706   | 0.001        |
|                                                 |                                                                                               | red         | 0                          | 155596   | 0.001        |
|                                                 |                                                                                               | black       | 0                          | 155783   | 0.001        |
|                                                 |                                                                                               | black       | IO                         | 155771   | 0.001        |
|                                                 |                                                                                               | red         | ↷                          | 155567   | 0.001        |
|                                                 |                                                                                               | black       | ↷                          | 155736   | 0.001        |
|                                                 |                                                                                               | black       | ↑                          | 155749   | 0.001        |
|                                                 |                                                                                               | black       | ↗                          | 155761   | 0.001        |
|                                                 |                                                                                               | black       | CLOSE                      | 155878   | 0.001        |
|                                                 |                                                                                               | black       | Zu                         | 155874   | 0.001        |
|                                                 |                                                                                               | black       | Open                       | 155868   | 0.001        |
|                                                 |                                                                                               | black       | EIN                        | 155862   | 0.001        |
|                                                 |                                                                                               | red         | OFF                        | 155654   | 0.001        |
|                                                 |                                                                                               | red         | Aus                        | 155634   | 0.001        |
|                                                 |                                                                                               | black       | Aus                        | 155806   | 0.001        |
|                                                 |                                                                                               | red         | STOP                       | 155615   | 0.001        |
|                                                 |                                                                                               | black       | STOP                       | 155795   | 0.001        |
|                                                 |                                                                                               | green       | START                      | 155721   | 0.001        |
|                                                 |                                                                                               | white       | START                      | 155889   | 0.001        |
|                                                 |                                                                                               | blue        | RESET                      | 155894   | 0.001        |
|                                                 |                                                                                               | green       | ON                         | 155671   | 0.001        |
|                                                 |                                                                                               | black       | Auf                        | 155883   | 0.001        |
|                                                 |                                                                                               | black       | Ab                         | 155886   | 0.001        |
|                                                 |                                                                                               | black       | Links                      | 155827   | 0.001        |
|                                                 |                                                                                               | black       | Rechts                     | 155837   | 0.001        |

E4

## Control Buttons / Switches for Panel Mounting

### Series 8003

**Dimensional Drawings** (All Dimensions in mm) - Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.