This control switch has been designed to solve the variety of problems encoun-
tered in chemical and petrochemical plants and on explosion-proofed electrical
machinery. Four switch contacts as opening and closing elements in different
permutations permit a variety of functions. The opener has a positive break
operation. The switch actuator offers latched and momentary-contact positions
with different switch positions. The control switch can be installed quickly and
directly into double or triple ComEx enclosures, or in combination with other
command devices in control units.

### Explosion protection

**Marking ATEX**
- II 2G Ex db eb IIC Gb
- I M2 Ex db eb I Mb

**Certification**
- CML 17 ATEX 1105 U

**Marking IECEx**
- Ex db eb IIC Gb
- Ex eb I Mb

**Certification**
- IECEx CML 17.0045U

**Other approvals and certificates, see www.bartec.de**

**Ambient temperature**
- -55 °C to +60 °C

### Electrical data

**Rated insulation voltage**
- $U_i = 690$ V
- $U_e = 400$ V

**Rated impulse strength**
- $U_{imp} = 6$ kV

**Conditional rated short-circuit current at 400 V**
- $I_{sh} = 4$ kA

**Short-circuit current**
- Max. 16 A (general-purpose l.v.h.b.c back-up fuse for the protection
  of cables and circuits)

**Nominal thermal current**
- (+40 °C) $I_{th} = 16$ A
- (+60 °C) $I_{th} = 11$ A

### Technical data

**Connection**
- Terminals 2.5 mm², fine stranded

**Contact material**
- AgSnO₂

**Enclosure material**
- Thermoplastic

**Installation**
- On TS 35 x 7.5 mounting rail

**Switch function**
- Max. 4 switch contacts
- Different NC/NO contact assemblies
- Latching and momentary-contact functions
- With different switch positions

**Contacts**
- Contacts with positive break operation
  (self-cleaning)

**Installation**
- In ComEx double and triple enclosures
  and in control units as floor mounting
  and front-panel mounting

**Switch isolator**
- DIN EN 60947-3 (main motor switch)

**P/AC-3/AC-23 A**
- 230 V 3 ph/3 kW
- 400 V 3 ph/5.5 kW
- $I_{e} = AC-23/400 V/10$ A

**Control switch according to**
- DIN EN 60947-5-1 (auxiliary circuit switch)

- AC-15 400 V 10 A
- AC-12 400 V 16 A
- DC-13 24 V 1 A

### Dimensions

![Dimensions diagram]
### Ordering information

#### Contact arrangement of control switch

<table>
<thead>
<tr>
<th>Code no.</th>
<th>Contact arrangement of control switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>A01</td>
<td>13 23 33 43</td>
</tr>
<tr>
<td>A02</td>
<td>13 23 31 41</td>
</tr>
<tr>
<td>A03</td>
<td>11 23 33 43</td>
</tr>
<tr>
<td>A04</td>
<td>11 21 33 43</td>
</tr>
<tr>
<td>H05</td>
<td>11 23 33 43</td>
</tr>
</tbody>
</table>

#### Contact arrangement of switch-isolator

<table>
<thead>
<tr>
<th>Code no.</th>
<th>Contact arrangement of control switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>N01</td>
<td>1 3 5 13</td>
</tr>
<tr>
<td>N02</td>
<td>1 3 5 11</td>
</tr>
</tbody>
</table>

Further contact versions are available upon request.

**Complete order no. 07-3331-1**
Please enter code number.
Technical data subject to change without notice.

### Ordering information

#### Illustration/Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black position selector with protective collar, lockable* only for 4-pole switch</td>
<td>05-0003-006201, 05-0003-006301</td>
</tr>
<tr>
<td>for ComEx enclosure</td>
<td>für ComEx enclosure (flat)</td>
</tr>
<tr>
<td>0 - I</td>
<td>für Control unit (flat)</td>
</tr>
<tr>
<td>I - II</td>
<td>für Control unit (flat)</td>
</tr>
<tr>
<td>I - O - II</td>
<td>für Control unit</td>
</tr>
<tr>
<td>0 - I - II</td>
<td>für Control unit (flat)</td>
</tr>
<tr>
<td>0 - I - II - III</td>
<td>für Control unit (flat)</td>
</tr>
<tr>
<td>0 - I - II - III - IV</td>
<td>für Control unit (flat)</td>
</tr>
<tr>
<td>HAND - 0 - AUTO</td>
<td>für Control unit (flat)</td>
</tr>
</tbody>
</table>

* As standard, there are 3 boreholes in the protective collar to fit padlocks. If no further details are given on which switching position is to be locked, the boreholes are provided in the switch position 0 (I), others to customer specifications.