Description

The Ø 16 range of double insulated control and signalling units comprises:

- Complete units
  - XB6 pushbuttons, switches and pilot lights

- Sub-assemblies for user assembly
  - ZB6 pushbuttons, switches and pilot lights
  - Body + head sub-assemblies

ZB component parts and accessories

- Any of the pushbuttons, switches or pilot lights in the range may be adapted by replacing certain component parts, such as:
  - For heads
    - Caps or lenses
    - Legends
      - Pre-printed legends
      - Special legends produced using labeling software
    - Link enabling operation of the 3rd contact (cannot be fitted on illuminated pushbuttons)
  - For bodies
    - LED, incandescent and neon bulbs
    - N/C or N/O contact blocks, max. 3 contacts per block, with Faston connector or for printed circuit board
    - Silver or gold flashed N/C or N/O contact blocks

References:

- page 35071/2
- page 35077/2
- page 35075/2
- page 35075/7
Schematic library

Contact functions (pushbuttons and Emergency stop pushbuttons)

- Pushbutton N/O contact
- Latching pushbutton N/O contact
- Pushbutton N/C contact
- Mushroom head spring return N/O contact
- Mushroom head Emergency stop Turn to release, trigger action N/O + 2 N/C contacts
- Mushroom head Emergency stop Turn to release, trigger action key release N/O + 2 N/C contacts

Contact functions (selector switches)

- Selector switch 2-position stay put N/O contact
- Selector switch 3-position stay put N/O + N/C contacts
- Selector switch 3-position 2 spring return to centre
- Selector switch 2-position stay put, key withdrawal from both positions N/O contact
- Selector switch 2-position stay put N/O + N/O contacts

Signalling functions

- Incandescent or neon pilot light
- 230 V neon pilot light

Combined functions, contact + signalling (pushbuttons and selector switches)

- Illuminated pushbutton BA 9s incandescent bulb N/O + N/C contacts
- Illuminated pushbutton with LED N/O + N/C contacts
- Illuminated selector switch with LED N/O + N/C contacts
## Control and signalling units Ø 16

### Harmony® XB6, plastic

Pushbuttons, switches and pilot lights

### Complete units

<table>
<thead>
<tr>
<th>Combined functions (contact + signalling)</th>
<th>Head colours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminated pushbuttons with rectangular, square or circular head</td>
<td></td>
</tr>
<tr>
<td>Flush push with integral LED, spring return</td>
<td></td>
</tr>
<tr>
<td>XB6 DW</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>XB6 CW</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>XB6 AW</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>Flush push with integral LED, latching</td>
<td></td>
</tr>
<tr>
<td>XB6 DF</td>
<td>page 35077/4</td>
</tr>
<tr>
<td>XB6 CF</td>
<td>page 35077/4</td>
</tr>
<tr>
<td>XB6 AF</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>Projecting push with integral LED, spring return</td>
<td></td>
</tr>
<tr>
<td>XB6 DE</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>XB6 CE</td>
<td>page 35077/2</td>
</tr>
<tr>
<td>XB6 AE</td>
<td>page 35077/2</td>
</tr>
</tbody>
</table>

### Signalling functions

- **Pilot lights with rectangular, square or circular head**
  - Head colours
  - Pilot lights
  - With integral LED
  - XB6 DV
  - page 35077/5
  - XB6 CV
  - page 35077/5
  - XB6 AV
  - page 35077/5
  - Illuminated selector switches with rectangular, square or circular head
  - Head colours
  - With integral LED
  - XB6 DK
  - page 35077/11
  - XB6 CK
  - page 35077/11
  - XB6 AK
  - page 35077/11

---

**Characteristics:** page 35071/2  
**References:** page 35077/2  
**Dimensions:** page 35075/2  
**Mounting:** page 35075/7  
**Version:** 9.2
Control and signalling units Ø 16
Harmony® XB6, plastic
Pushbuttons, switches and pilot lights

Complete units (continued)

Contact functions

Pushbuttons with rectangular, square or circular head
Head colours

Flush push
XB6 DA ppp
XB6 CA ppp
XB6 AA ppp
page 35077/6 page 35077/6 page 35077/6

Projecting push
XB6 DL42B
XB6 CL42B
XB6 AL42B
page 35077/6 page 35077/6 page 35077/6

Mushroom head, Emergency stop, latching and trigger action, Ø 30 pushbuttons

Turn to release (EN/ISO 13850: 2006)
XB6 AS8349B
page 35077/8

Key release (EN/ISO 13850: 2006)
XB6 AS9349B
page 35077/8

Selector switches and key switches

Standard handle operator
XB6 DD ppp
XB6 CD ppp
XB6 AD ppp
page 35077/9 page 35077/9 page 35077/9

Key switches
XB6 DG ppp
XB6 CG ppp
XB6 AG ppp
page 35077/13 page 35077/13 page 35077/13
## Control and signalling units Ø 16
### Harmony® XB6, plastic
Pushbuttons, switches and pilot light

### Non illuminated units for user assembly

**For pushbuttons**
- **Body sub-assemblies**
  - Direct supply for incandescent bulb

**For mushroom head pushbuttons and Emergency stop heads**

**For selector switches and key switches**

### Contact functions

**Body sub-assemblies**

**Head sub-assemblies, rectangular, square or circular**

**Head colours**

**Flush push, spring return**
- ZB6 DA
  - page 35077/7
- ZB6 CA
  - page 35077/7
- ZB6 AA
  - page 35077/7

**Spring return Ø 24**
- ZB6 AC
  - page 35077/7

**Latching, trigger action Ø 30 (EN/ISO 13850: 2006)**
- ZB6 AS834
  - page 35077/8
- ZB6 AS934
  - page 35077/8

**Standard handle operator**
- ZB6 DD
  - page 35077/10
- ZB6 CD
  - page 35077/10
- ZB6 AD
  - page 35077/10

**Key switches**
- ZB6 DG
  - page 35077/13
- ZB6 CG
  - page 35077/14
- ZB6 AG
  - page 35077/15