

# Harmony™ Double and Triple- Headed Push Buttons

Catalog

**2011**



**Schneider**  
Electric™



# Improved selection, simplicity and robustness

As a world leader in control and signaling components, Schneider Electric continues to innovate within the Harmony ranges to improve the efficiency of your dialog solutions.

Intended for simple applications, the new double and triple-headed push buttons feature extreme robustness, refined ergonomics, and very simple installation.

## Contents

|                                                                  |       |
|------------------------------------------------------------------|-------|
| Product advantages .....                                         | p. 4  |
| Selection guide .....                                            | p. 5  |
| References: Harmony XB4, metal bezel .....                       | p. 6  |
| References: Harmony XB5, plastic bezel .....                     | p. 8  |
| Characteristics and dimensions: Harmony XB4, metal bezel .....   | p. 10 |
| Characteristics and dimensions: Harmony XB5, plastic bezel ..... | p. 11 |
| Substitution table (new/old range) .....                         | p. 12 |

Make the most of your energy<sup>SM</sup>



# > Discover the solution whatever your application

## Complete offer

- Double-headed, double-headed + pilot light, and triple-headed push button versions
- Plastic and metal bezel ranges
- Very flexible offer with complete products as well as sub-assemblies for customer assembly
- Wide choice of push button caps (colors, markings) to meet your requirements



## Customization

- Customize the push button by selecting caps with appropriate markings for your specific applications



**100%**

worldwide availability

# > Gain in space and simplicity

## Gain space on your control panels

- Up to 3 functions combined in a single product

## Simplicity and speed of installation

- Only one Ø 22 mm hole required for installing a product with up to 3 functions
- Only one installer required: non-rotating head in its cut-out
- Fitting and removal of silicone boots without removing the push button (protection against splashing, etc.)



**66%**

time savings  
when installing a  
3-function product

# > Opt for robust products

## Tested and certified performance

- 1 million mechanical operations
- Operation down to -25 °C as standard
- Clear, easy-to-read push button cap markings, which are tamperproof due to the use of double injection molding
- High luminosity LED for versions with pilot light

## IP66/ IP69K

High degree of protection as standard (without boot)

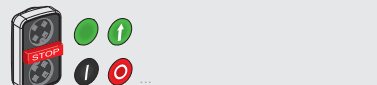
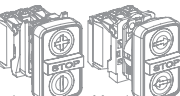
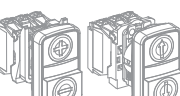
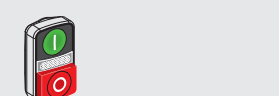
## Conformity to the most demanding standards

- EN/IEC 60947-1, EN/IEC 60947-5-1
- EN/IEC 60947-5-4
- UL 508, CSA C22.2 No. 14
- This product is manufactured in conformity with the European RoHS (Restriction of Hazardous Substances) directive

## 100 % RoHS

Schneider Electric is committed to reducing the environmental impact of its products

# > Selection guide

| flush pushes                                                                                                                      | Double-headed push button (XB4/XB5 ranges)                                          | Double-headed push button + 1 clear central pilot light (XB4/XB5 ranges)             | Triple-headed push button (XB4/XB5 ranges)                                            |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| caps only, 1 caps<br>                          |  |  |  |
| caps only, 4 caps (out caps customization)<br> |  |  |  |
| complete ducts<br>                             |                                                                                     |                                                                                      |  |
| flush push and 1 projecting push                                                                                                  |                                                                                     |                                                                                      |                                                                                       |
| caps only, 1 caps<br>                          |  |  |                                                                                       |
| complete ducts<br>                             |  |  |                                                                                       |

# Control and signaling units, Ø 22

## Harmony™ XB4 metal

### Multiple-headed push buttons, spring return



XB4BL73415



ZB4BA7121



ZB4BL7341



XB4BW73731B5



ZB4BW7A1721



ZB4BW7A3741

#### Double-headed push buttons <sup>(1)</sup>

Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact |     | Color and marking of caps <sup>(2)</sup> | Reference | Weight |
|---------------|-------------|-----------------|-----|------------------------------------------|-----------|--------|
|               |             |                 |     |                                          |           | kg     |
|               |             | N/O             | N/C |                                          |           |        |

#### Complete units

|  |                                                   |   |   |                                                              |                   |       |
|--|---------------------------------------------------|---|---|--------------------------------------------------------------|-------------------|-------|
|  | 2 pushes<br>(1 flush black +<br>1 projecting red) | 1 | 1 | White "I" on green background<br>White "O" on red background | <b>XB4BL73415</b> | 0.116 |
|--|---------------------------------------------------|---|---|--------------------------------------------------------------|-------------------|-------|

#### Heads only

|  |                      |  |  |                                               |                  |       |
|--|----------------------|--|--|-----------------------------------------------|------------------|-------|
|  | 2 flush black pushes |  |  | White background + black background, unmarked | <b>ZB4BA7120</b> | 0.056 |
|  |                      |  |  | Black "I" on white background                 | <b>ZB4BA7121</b> | 0.056 |
|  |                      |  |  | White "O" on black background                 | <b>ZB4BA7340</b> | 0.056 |
|  |                      |  |  | Green background + red background, unmarked   | <b>ZB4BA7341</b> | 0.056 |
|  |                      |  |  | White "I" on green background                 | <b>ZB4BA7341</b> | 0.056 |
|  |                      |  |  | White "O" on red background                   | <b>ZB4BA79</b>   | 0.056 |
|  |                      |  |  | Without cap <sup>(3)</sup>                    |                  |       |

|  |                                             |  |  |                                             |                  |       |
|--|---------------------------------------------|--|--|---------------------------------------------|------------------|-------|
|  | 1 flush black push<br>1 projecting red push |  |  | Green background + red background, unmarked | <b>ZB4BL7340</b> | 0.056 |
|  |                                             |  |  | White "I" on green background               | <b>ZB4BL7341</b> | 0.056 |
|  |                                             |  |  | White "O" on red background                 |                  |       |

#### Double-headed push buttons + 1 white central pilot light block <sup>(1)</sup>

Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact |     | Color and marking of caps <sup>(2)</sup> | Pilot light voltage | Reference | Weight |
|---------------|-------------|-----------------|-----|------------------------------------------|---------------------|-----------|--------|
|               |             |                 |     |                                          | V                   |           | kg     |
|               |             | N/O             | N/C |                                          |                     |           |        |

#### Complete units

|  |                                                                                  |   |   |                                                              |     |                     |       |
|--|----------------------------------------------------------------------------------|---|---|--------------------------------------------------------------|-----|---------------------|-------|
|  | 1 flush black push<br>1 projecting red push<br>1 white central pilot light block | 1 | 1 | White "I" on green background<br>White "O" on red background | 24  | <b>XB4BW73731B5</b> | 0.130 |
|  |                                                                                  |   |   |                                                              | 120 | <b>XB4BW73731G5</b> | 0.130 |
|  |                                                                                  |   |   |                                                              | 240 | <b>XB4BW73731M5</b> | 0.130 |

#### Heads only <sup>(5)</sup>

|  |                                                                    |  |  |                                               |  |                    |       |
|--|--------------------------------------------------------------------|--|--|-----------------------------------------------|--|--------------------|-------|
|  | 2 flush black pushes<br>1 clear central pilot light <sup>(4)</sup> |  |  | White background + black background, unmarked |  | <b>ZB4BW7A1720</b> | 0.056 |
|  |                                                                    |  |  | Black "I" on white background                 |  | <b>ZB4BW7A1721</b> | 0.056 |
|  |                                                                    |  |  | White "O" on black background                 |  | <b>ZB4BW7A3740</b> | 0.056 |
|  |                                                                    |  |  | Green background + red background, unmarked   |  | <b>ZB4BW7A3741</b> | 0.056 |
|  |                                                                    |  |  | White "I" on green background                 |  | <b>ZB4BW7A1724</b> | 0.056 |
|  |                                                                    |  |  | White "O" on red background                   |  | <b>ZB4BW7A1715</b> | 0.056 |
|  |                                                                    |  |  | Black "I" on white background                 |  | <b>ZB4BW7A1715</b> | 0.056 |
|  |                                                                    |  |  | White "O" on black background                 |  | <b>ZB4BW7A9</b>    | 0.056 |
|  |                                                                    |  |  | Without cap <sup>(3)</sup>                    |  |                    |       |

|  |                                                                                           |  |  |                                             |  |                    |       |
|--|-------------------------------------------------------------------------------------------|--|--|---------------------------------------------|--|--------------------|-------|
|  | 1 flush black push<br>1 projecting red push<br>1 clear central pilot light <sup>(4)</sup> |  |  | Green background + red background, unmarked |  | <b>ZB4BW7L3740</b> | 0.056 |
|  |                                                                                           |  |  | White "I" on green background               |  | <b>ZB4BW7L3741</b> | 0.056 |
|  |                                                                                           |  |  | White "O" on red background                 |  |                    |       |

#### Heads with black metal bezel

To order, add the suffix 7 to the references selected above. Example: **ZB4BA7120** becomes **ZB4BA71207**.

(1) For the recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, consult our website at [www.Schneider-Electric.com](http://www.Schneider-Electric.com).

(2) These caps are fitted by Schneider Electric and cannot be removed without risk of product damage..

(3) Caps to be ordered separately: see page 7.

(4) Color of centrally positioned pilot light determined by the color of the LED incorporated in the body sub-assembly.

(5) Only for use with bodies that include a Protected LED™ light source.

New

General :  
page 3

Characteristics :  
page 10

Dimensions :  
page 10

# Control and signaling units, Ø 22

## Harmony™ XB4 metal

### Multiple-headed push buttons, spring return



#### Triple-headed push buttons <sup>(1) (2)</sup>

Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact |     |     | Color and marking of caps <sup>(3)</sup> | Reference | Weight |
|---------------|-------------|-----------------|-----|-----|------------------------------------------|-----------|--------|
|               |             |                 |     |     |                                          |           | kg     |
|               |             | N/O             | N/C | N/O |                                          |           |        |

#### Complete units

|  |                                                                             |   |   |   |                                                                 |                    |       |
|--|-----------------------------------------------------------------------------|---|---|---|-----------------------------------------------------------------|--------------------|-------|
|  | 2 flush black pushes + 1 central projecting red push marked "Stop" in white | 1 | 1 | 1 | White "I" on green background<br>White "II" on green background | <b>ZB4BA731327</b> | 0.128 |
|  |                                                                             |   |   |   | Black "→" on white background<br>White "←" on black background  | <b>ZB4BA711237</b> | 0.128 |

#### Heads only

|  |                                                                             |  |  |  |                                                                 |                   |       |
|--|-----------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------|-------------------|-------|
|  | 2 flush black pushes + 1 central projecting red push marked "Stop" in white |  |  |  | White "I" on green background<br>White "II" on green background | <b>ZB4BA73132</b> | 0.056 |
|  |                                                                             |  |  |  | White "←" on green background<br>White "→" on green background  | <b>ZB4BA73133</b> | 0.056 |
|  |                                                                             |  |  |  | White "↑" on green background<br>White "↓" on green background  | <b>ZB4BA73134</b> | 0.056 |
|  |                                                                             |  |  |  | White "+" on green background<br>White "-" on green background  | <b>ZB4BA73135</b> | 0.056 |
|  |                                                                             |  |  |  | Black "+" on white background<br>Black "-" on white background  | <b>ZB4BA71115</b> | 0.056 |
|  |                                                                             |  |  |  | Black "→" on white background<br>White "←" on black background  | <b>ZB4BA71123</b> | 0.056 |
|  |                                                                             |  |  |  | Black "↑" on white background<br>White "↓" on black background  | <b>ZB4BA71124</b> | 0.056 |
|  |                                                                             |  |  |  | White "↑" on black background<br>White "↓" on black background  | <b>ZB4BA72124</b> | 0.056 |
|  |                                                                             |  |  |  | Without cap <sup>(4)</sup>                                      | <b>ZB4BA791</b>   | 0.056 |

#### Specific accessories for multiple-headed push buttons

| Description                                                                           | Background color                     | Marking   | Sold in lots of | Reference      | Weight |
|---------------------------------------------------------------------------------------|--------------------------------------|-----------|-----------------|----------------|--------|
| Caps only for clip-on mounting on double or triple-headed push buttons <sup>(5)</sup> | White                                | Unmarked  | 10              | <b>ZBA71</b>   | 0.010  |
|                                                                                       |                                      | "I" black | 10              | <b>ZBA7131</b> | 0.010  |
|                                                                                       |                                      | "→" black | 10              | <b>ZBA7134</b> | 0.010  |
|                                                                                       |                                      | "+" black | 10              | <b>ZBA7138</b> | 0.010  |
|                                                                                       | Black                                | Unmarked  | 10              | <b>ZBA72</b>   | 0.010  |
|                                                                                       |                                      | "O" white | 10              | <b>ZBA7232</b> | 0.010  |
|                                                                                       |                                      | "+" white | 10              | <b>ZBA7233</b> | 0.010  |
|                                                                                       |                                      | "→" white | 10              | <b>ZBA7235</b> | 0.010  |
|                                                                                       | Green                                | Unmarked  | 10              | <b>ZBA73</b>   | 0.010  |
|                                                                                       |                                      | "I" white | 10              | <b>ZBA7331</b> | 0.010  |
|                                                                                       |                                      | "+" white | 10              | <b>ZBA7333</b> | 0.010  |
|                                                                                       |                                      | "↑" white | 10              | <b>ZBA7335</b> | 0.010  |
|                                                                                       | Red                                  | Unmarked  | 10              | <b>ZBA74</b>   | 0.010  |
|                                                                                       |                                      | "O" white | 10              | <b>ZBA7432</b> | 0.010  |
|                                                                                       | Yellow                               | Unmarked  | 10              | <b>ZBA75</b>   | 0.010  |
|                                                                                       | Blue                                 | Unmarked  | 10              | <b>ZBA76</b>   | 0.010  |
| Clear silicone boots <sup>(6)</sup>                                                   | For 2 flush pushes                   | —         | 10              | <b>ZBA708</b>  | 0.055  |
|                                                                                       | For 3 pushes                         | —         | 10              | <b>ZBA709</b>  | 0.055  |
|                                                                                       | For 1 flush push + 1 projecting push | —         | 10              | <b>ZBA710</b>  | 0.055  |

#### Heads with black metal bezel

To order, add the suffix 7 to the references selected above.

Example: **ZB4BA73132** becomes **ZB4BA731327**.

<sup>(1)</sup> For the recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, consult our website at [www.Schneider-Electric.com](http://www.Schneider-Electric.com).

<sup>(2)</sup> Not compatible with high power switching contacts and contacts for printed circuit board.

<sup>(3)</sup> These caps are fitted by Schneider Electric and cannot be removed without risk of product damage..

<sup>(4)</sup> Caps to be ordered separately: see accessories on this page.

<sup>(5)</sup> Can be clipped in at 90° steps, through 360°.

<sup>(6)</sup> Can be replaced without dismantling the head.

New

General :  
page 3

Characteristics :  
page 10

Dimensions :  
page 10

## Control and signaling units, Ø 22

Harmony™ XB5 plastic

Multiple-headed push buttons, spring return

Double-headed push buttons <sup>(1)</sup>

Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact |     | Color and marking of caps <sup>(2)</sup> | Reference | Weight |
|---------------|-------------|-----------------|-----|------------------------------------------|-----------|--------|
|               |             |                 |     |                                          |           | kg     |
|               |             | N/O             | N/C |                                          |           |        |

## Complete units

|  |                                                   |   |   |                                                              |            |       |
|--|---------------------------------------------------|---|---|--------------------------------------------------------------|------------|-------|
|  | 2 pushes<br>(1 flush black +<br>1 projecting red) | 1 | 1 | White "I" on green background<br>White "O" on red background | XB5AL73415 | 0.053 |
|--|---------------------------------------------------|---|---|--------------------------------------------------------------|------------|-------|

## Heads only

|  |                                             |  |  |                                                                |                          |       |
|--|---------------------------------------------|--|--|----------------------------------------------------------------|--------------------------|-------|
|  | 2 flush black pushes                        |  |  | White background + black background, unmarked                  | ZB5AA7120 <sup>(n)</sup> | 0.023 |
|  |                                             |  |  | Black "I" on white background<br>White "O" on black background | ZB5AA7121 <sup>(n)</sup> | 0.023 |
|  |                                             |  |  | Green background + red background, unmarked                    | ZB5AA7340 <sup>(n)</sup> | 0.023 |
|  |                                             |  |  | White "I" on green background<br>White "O" on red background   | ZB5AA7341 <sup>(n)</sup> | 0.023 |
|  |                                             |  |  | Without cap <sup>(3)</sup>                                     | ZB5AA79 <sup>(n)</sup>   | 0.023 |
|  | 1 flush black push<br>1 projecting red push |  |  | Green background + red background, unmarked                    | ZB5AL7340 <sup>(n)</sup> | 0.023 |
|  |                                             |  |  | White "I" on green background<br>White "O" on red background   | ZB5AL7341 <sup>(n)</sup> | 0.023 |

Double-headed push buttons + 1 white central pilot light block <sup>(1)</sup>

Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact |     | Color and marking of caps <sup>(2)</sup> | Pilot light voltage | Reference | Weight |
|---------------|-------------|-----------------|-----|------------------------------------------|---------------------|-----------|--------|
|               |             |                 |     |                                          | V                   |           | kg     |
|               |             | N/O             | N/C |                                          |                     |           |        |

## Complete units

|  |                                                                                  |   |   |                                                              |     |                              |       |
|--|----------------------------------------------------------------------------------|---|---|--------------------------------------------------------------|-----|------------------------------|-------|
|  | 1 flush black push<br>1 projecting red push<br>1 white central pilot light block | 1 | 1 | White "I" on green background<br>White "O" on red background | 24  | XB5 AW73731B5 <sup>(n)</sup> | 0.066 |
|  |                                                                                  |   |   |                                                              | 120 | XB5AW73731G5 <sup>(n)</sup>  | 0.066 |
|  |                                                                                  |   |   |                                                              | 240 | XB5AW73731M5 <sup>(n)</sup>  | 0.066 |

Heads only <sup>(5)</sup>

|  |                                                                                           |  |  |                                                                |  |                            |       |
|--|-------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------|--|----------------------------|-------|
|  | 2 flush black pushes<br>1 clear central pilot light <sup>(4)</sup>                        |  |  | White background + black background, unmarked                  |  | ZB5AW7A1720 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | Black "I" on white background<br>White "O" on black background |  | ZB5AW7A1721 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | Green background + red background, unmarked                    |  | ZB5AW7A3740 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | White "I" on green background<br>White "O" on red background   |  | ZB5AW7A3741 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | Black "I" on white background<br>White "O" on black background |  | ZB5AW7A1724 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | Black "+" on white background<br>Black "-" on white background |  | ZB5AW7A1715 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | Without cap <sup>(3)</sup>                                     |  | ZB5AW7A9 <sup>(n)</sup>    | 0.023 |
|  | 1 flush black push<br>1 projecting red push<br>1 clear central pilot light <sup>(4)</sup> |  |  | Green background + red background, unmarked                    |  | ZB5AW7L3740 <sup>(n)</sup> | 0.023 |
|  |                                                                                           |  |  | White "I" on green background<br>White "O" on red background   |  | ZB5AW7L3741 <sup>(n)</sup> | 0.023 |

(1) For the recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, consult our website at [www.Schneider-Electric.com](http://www.Schneider-Electric.com).

(2) These caps are fitted by Schneider Electric and cannot be removed without risk of product damage..

(3) Caps to be ordered separately: see page 9.

(4) Color of centrally positioned pilot light determined by the color of the LED incorporated in the body sub-assembly.

(5) Only for use with bodies that include a Protected LED™ light source.

<sup>(n)</sup> New

General :  
page 3

Characteristics :  
page 10

Dimensions :  
page 10



XB5AA731327



ZB5AA73133



ZB5AA71124



ZBA7235



ZBA7331



ZBA7432



ZBA709

## Triple-headed push buttons (1) (2)

## Screw clamp terminal connections (Schneider Electric anti-retightening system)

| Shape of head | Description | Type of contact | Color and marking of caps (3) | Reference | Weight |
|---------------|-------------|-----------------|-------------------------------|-----------|--------|
|               |             | N/O             |                               |           | kg     |
|               |             | N/C             |                               |           |        |
|               |             | N/O             |                               |           |        |

## Complete units

|  |                                                                                         |   |   |   |                                                                 |                        |       |
|--|-----------------------------------------------------------------------------------------|---|---|---|-----------------------------------------------------------------|------------------------|-------|
|  | 2 flush black pushes<br>+ 1 central<br>projecting red<br>push marked<br>"Stop" in white | 1 | 1 | 1 | White "I" on green background<br>White "II" on green background | <b>ZB5AA731327</b> (n) | 0.063 |
|  |                                                                                         |   |   |   | Black "→" on white background<br>White "←" on black background  | <b>ZB5AA711237</b> (n) | 0.063 |

## Heads only

|  |                                                                                   |  |  |  |                                                                 |                       |       |
|--|-----------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------|-----------------------|-------|
|  | 2 flush black pushes<br>+ 1 central projecting red push marked<br>"Stop" in white |  |  |  | White "I" on green background<br>White "II" on green background | <b>ZB5AA73132</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | White "←" on green background<br>White "→" on green background  | <b>ZB5AA73133</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | White "↑" on green background<br>White "↓" on green background  | <b>ZB5AA73134</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | White "+" on green background<br>White "-" on green background  | <b>ZB5AA73135</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | Black "+" on white background<br>Black "-" on white background  | <b>ZB5AA71115</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | Black "→" on white background<br>White "←" on black background  | <b>ZB5AA71123</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | Black "↑" on white background<br>White "↓" on black background  | <b>ZB5AA71124</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | White "↑" on black background<br>White "↓" on black background  | <b>ZB5AA72124</b> (n) | 0.023 |
|  |                                                                                   |  |  |  | Without cap (4)                                                 | <b>ZB5AA791</b> (n)   | 0.023 |
|  |                                                                                   |  |  |  |                                                                 |                       |       |
|  |                                                                                   |  |  |  |                                                                 |                       |       |
|  |                                                                                   |  |  |  |                                                                 |                       |       |

## Specific accessories for multiple-headed push buttons

| Description                                                                 | Background color                     | Marking    | Sold in lots of | Reference          | Weight |
|-----------------------------------------------------------------------------|--------------------------------------|------------|-----------------|--------------------|--------|
| Caps only for clip-on mounting on double- or triple-headed push buttons (5) | White                                | Unmarked   | 10              | <b>ZBA71</b> (n)   | 0.010  |
|                                                                             |                                      | "I" black  | 10              | <b>ZBA7131</b> (n) | 0.010  |
|                                                                             |                                      | "↑" black  | 10              | <b>ZBA7134</b> (n) | 0.010  |
|                                                                             |                                      | "+" black  | 10              | <b>ZBA7138</b> (n) | 0.010  |
|                                                                             | Black                                | Unmarked   | 10              | <b>ZBA72</b> (n)   | 0.010  |
|                                                                             |                                      | "O" white  | 10              | <b>ZBA7232</b> (n) | 0.010  |
|                                                                             |                                      | "+" white  | 10              | <b>ZBA7233</b> (n) | 0.010  |
|                                                                             |                                      | "↓" white  | 10              | <b>ZBA7235</b> (n) | 0.010  |
|                                                                             |                                      | "I" white  | 10              | <b>ZBA7237</b> (n) | 0.010  |
|                                                                             | Green                                | Unmarked   | 10              | <b>ZBA73</b> (n)   | 0.010  |
|                                                                             |                                      | "I" white  | 10              | <b>ZBA7331</b> (n) | 0.010  |
|                                                                             |                                      | "+" white  | 10              | <b>ZBA7333</b> (n) | 0.010  |
|                                                                             |                                      | "↑" white  | 10              | <b>ZBA7335</b> (n) | 0.010  |
|                                                                             |                                      | "II" white | 10              | <b>ZBA7336</b> (n) | 0.010  |
|                                                                             | Red                                  | Unmarked   | 10              | <b>ZBA74</b> (n)   | 0.010  |
|                                                                             |                                      | "O" white  | 10              | <b>ZBA7432</b> (n) | 0.010  |
|                                                                             | Yellow                               | Unmarked   | 10              | <b>ZBA75</b> (n)   | 0.010  |
|                                                                             | Blue                                 | Unmarked   | 10              | <b>ZBA76</b> (n)   | 0.010  |
| Clear silicone boots (6)                                                    | For 2 flush pushes                   | —          | 10              | <b>ZBA708</b> (n)  | 0.055  |
|                                                                             | For 3 pushes                         | —          | 10              | <b>ZBA709</b> (n)  | 0.055  |
|                                                                             | For 1 flush push + 1 projecting push | —          | 10              | <b>ZBA710</b> (n)  | 0.055  |

(1) For the recommended maximum number of contacts constituting the body (fixing collar + contact) associated with the head, consult our website at [www.Schneider-Electric.com](http://www.Schneider-Electric.com).

(2) Not compatible with high power switching contacts and contacts for printed circuit board.

(3) These caps are fitted by Schneider Electric and cannot be removed without risk of product damage..

(4) Caps to be ordered separately: see accessories on this page.

(5) Can be clipped in at 90° steps, through 360°.

(6) Can be replaced without dismantling the head.

(n) New

General :  
page 3

Characteristics :  
page 10

Dimensions :  
page 10

## Characteristics (1)

|                                           |                           |    |                                                                                               |
|-------------------------------------------|---------------------------|----|-----------------------------------------------------------------------------------------------|
| Protective treatment, standard version    |                           |    | "TH" treatment (tropical finish)                                                              |
| Ambient air temperature around the device | Storage                   | °C | - 40...+ 70                                                                                   |
|                                           | Operation                 | °C | - 25...+ 70: LED and neon bulb versions                                                       |
| Electric shock protection                 | According to IEC 61140    |    | Class I                                                                                       |
| Degree of protection                      | Conforming to IEC 60529   |    | IP 66, IP 69 K                                                                                |
|                                           | Conforming to UL and NEMA |    | Type 4X and 13, unless otherwise stated                                                       |
| Mechanical shock protection               | Conforming to IEC 50102   |    | IK 06                                                                                         |
| Conforming to standards                   |                           |    | EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4, EN/IEC 60947-5-5, UL 508, CSA C22-2 n° 14 |
| Mechanical durability (2)                 |                           |    | 1 million of operating cycles                                                                 |

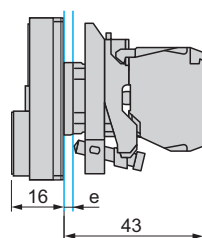
(1) For other technical characteristics, please consult "Control and signaling components" catalog.

(2) Actual product life will vary based on electrical load, duty cycle, application, and environmental conditions.

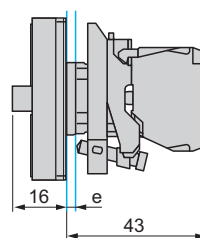
## Dimensions (mm)

### Multiple-headed push buttons (double or triple), spring return

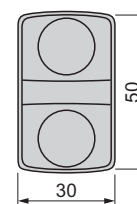
XB4 BL73415, XB4 BW73731●5



XB4 BA731327, XB4 BA711237

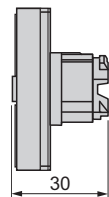


Common face view

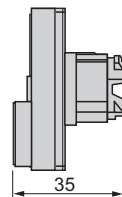


### Heads for double-headed, spring return push buttons

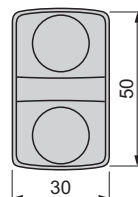
ZB4BA712●,  
ZB4BA734●,  
ZB4BA79



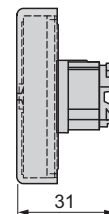
ZB4BL734●



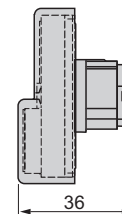
Common face view



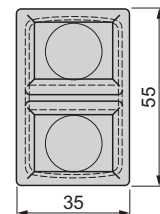
ZB4BA712●,  
ZB4BA734●,  
ZB4BA79  
+ boot ZBA708



ZB4BL734●  
+ boot ZBA710

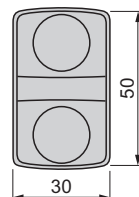
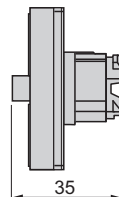


Common face view

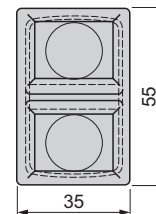
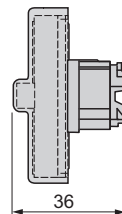


### Heads for triple-headed, spring return push buttons

ZB4BA7313●, ZB4BA711●●,  
ZB4BA72124, ZB4BA791

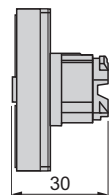


ZB4BA7313●, ZB4BA711●●, ZB4BA72124,  
ZB4BA791 + boot ZBA709

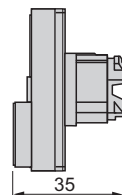


### Heads for double-headed push buttons + central pilot light

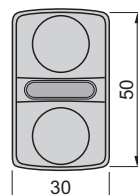
ZB4BW7A374●,  
ZB4BW7A17●●,  
ZB4BW7A9



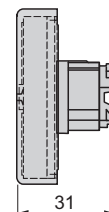
ZB4BW7L374●



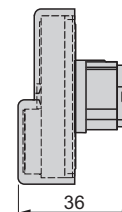
Common face view



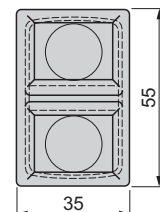
ZB4BW7A374●,  
ZB4BW7A17●●,  
ZB4BW7A9  
+ boot ZBA708



ZB4BW7L374●  
+ boot ZBA710



Common face view



## Characteristics (1)

|                                           |                         |    |                                                                                               |
|-------------------------------------------|-------------------------|----|-----------------------------------------------------------------------------------------------|
| Protective treatment, standard version    |                         |    | "TH" treatment (tropical finish)                                                              |
| Ambient air temperature around the device | Storage                 | °C | - 40...+ 70                                                                                   |
|                                           | Operation               | °C | - 25...+ 70: LED and neon bulb versions                                                       |
| Electric shock protection                 | Conforming to IEC 61140 |    | Class I                                                                                       |
| Degree of protection                      | Conforming to IEC 60529 |    | IP 66, IP 69 K                                                                                |
|                                           | Conforming to NEMA      |    | NEMA Type 4X and 13, unless otherwise stated                                                  |
| Conforming to standards                   |                         |    | EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4, EN/IEC 60947-5-5, UL 508, CSA C22-2 n° 14 |
| Mechanical durability (2)                 |                         |    | 1 million of operating cycles                                                                 |

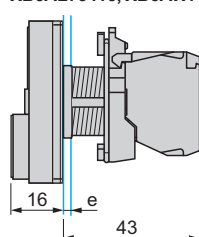
(1) For other technical characteristics, please consult "Control and signaling components" catalog.

(2) Actual product life will vary based on electrical load, duty cycle, application, and environmental conditions.

## Dimensions (mm)

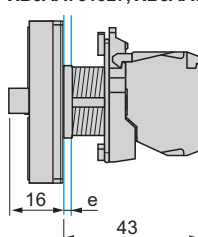
### Multiple-headed push buttons (double or triple), spring return

XB5AL73415, XB5AW73731●5



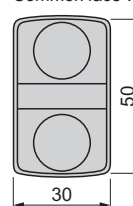
e: clamping thickness:  
1 to 6 mm

XB5AA731327, XB5AA711237



e: clamping thickness:  
1 to 6 mm

Common face view

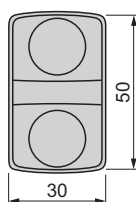
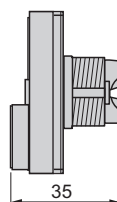
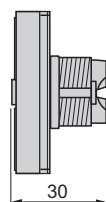


### Heads for double-headed, spring return push buttons

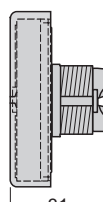
ZB5AA712●,  
ZB5AA734●,  
ZB5AA79

ZB5AL734●

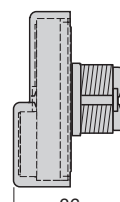
Common face view



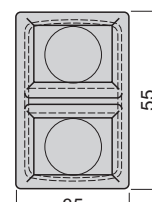
ZB5AA712●,  
ZB5AA734●,  
ZB5AA79  
+ boot ZBA708



ZB5AL734●  
+ boot ZBA710



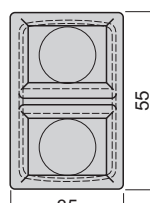
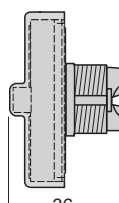
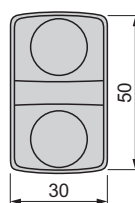
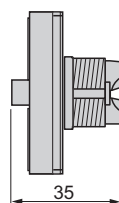
Common face view



### Heads for triple-headed, spring return push buttons

ZB5AA7313●, ZB5AA711●●,  
ZB5AA72124, ZB5AA791

ZB5AA7313●, ZB5AA711●●, ZB5AA72124,  
ZB5AA791 + boot ZBA709

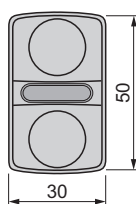
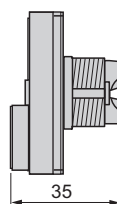
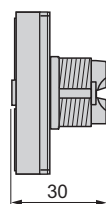


### Heads for double-headed push buttons + central pilot light

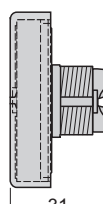
ZB5AW7A374●,  
ZB5AW7A17●●,  
ZB5AW7A9

ZB5AW7L374●

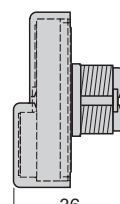
Common face view



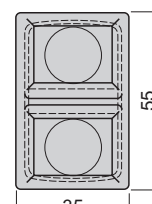
ZB5AW7A374●,  
ZB5AW7A17●●,  
ZB5AW7A9  
+ boot ZBA708



ZB5AW7L374●  
+ boot ZBA710

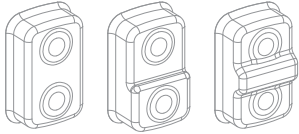


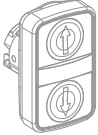
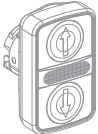
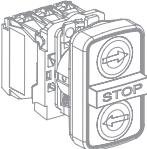
Common face view



# > Substitution table

| Product type                                                                                                                                                          | Old version  | New version<br>IP66 only | Notes                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|----------------------------------------|
| <b>Plastic head<br/>Double-headed pushbutton</b><br><br>                             | ZB5 AA8112   | ZB5 AA7120               |                                        |
|                                                                                                                                                                       | ZB5 AA8212   | ZB5 AA7121               |                                        |
|                                                                                                                                                                       | ZB5 AA8134   | ZB5 AA7340               |                                        |
|                                                                                                                                                                       | ZB5 AA8234   | ZB5 AA7341               |                                        |
|                                                                                                                                                                       | ZB5 AL8334   | ZB5 AL7340               |                                        |
|                                                                                                                                                                       | ZB5 AL8434   | ZB5 AL7341               |                                        |
|                                                                                                                                                                       | ZB5 AL8312   |                          | equivalent: ZB5AL7340 or ZB5AA7120     |
|                                                                                                                                                                       | ZB5 AL8412   |                          | equivalent: ZB5AL7341 or ZB5AA7121     |
|                                                                                                                                                                       |              | ZB5 AA79                 | new function                           |
|                                                                                                                                                                       | ZB5 AA9112   | ZB5 AA7120               |                                        |
|                                                                                                                                                                       | ZB5 AA9212   | ZB5 AA7121               |                                        |
|                                                                                                                                                                       | ZB5 AA9134   | ZB5 AA7340               |                                        |
|                                                                                                                                                                       | ZB5 AA9234   | ZB5 AA7341               |                                        |
|                                                                                                                                                                       | ZB5 AL9334   | ZB5 AL7340               |                                        |
|                                                                                                                                                                       | ZB5 AL9434   | ZB5 AL7341               |                                        |
|                                                                                                                                                                       | ZB5 AL9312   |                          | equivalent: ZB5AL7340 or ZB5AA7120     |
|                                                                                                                                                                       | ZB5 AL9412   |                          | equivalent: ZB5AL7341 or ZB5AA7121     |
|                                                                                                                                                                       |              | ZB5 AA79                 | new function                           |
| <b>Plastic head<br/>Double-headed pushbutton<br/>+ central pilot light</b><br><br> | ZB5 AW811723 | ZB5 AW7A1720             |                                        |
|                                                                                                                                                                       | ZB5 AW821723 | ZB5 AW7A1721             |                                        |
|                                                                                                                                                                       | ZB5 AW813743 | ZB5 AW7A3740             |                                        |
|                                                                                                                                                                       | ZB5 AW823743 | ZB5 AW7A3741             |                                        |
|                                                                                                                                                                       | ZB5 AW812743 |                          | equivalent: ZB5AW7A3740                |
|                                                                                                                                                                       | ZB5 AW822743 |                          | equivalent: ZBAW77A3741                |
|                                                                                                                                                                       | ZB5 AW833743 | ZB5 AW7L3740             |                                        |
|                                                                                                                                                                       | ZB5 AW843743 | ZB5 AW7L3741             |                                        |
|                                                                                                                                                                       | ZB5 AW831723 |                          | equivalent: ZB5AW7L3740 or ZB5AW7A1720 |
|                                                                                                                                                                       | ZB5 AW841723 |                          | equivalent: ZB5AW7L3741 or ZB5AW7A1721 |
|                                                                                                                                                                       | ZB5 AW832743 |                          | equivalent: ZB5AW7L3740                |
|                                                                                                                                                                       | ZB5 AW842743 |                          | equivalent: ZB5AW7L3741                |
|                                                                                                                                                                       |              | ZB5 AW7A1724             | new function                           |
|                                                                                                                                                                       |              | ZB5 AW7A1715             | new function                           |
| <b>Plastic head<br/>Triple-headed pushbutton</b><br><br>                           |              | ZB5 AA73132              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA73133              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA73134              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA73135              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA71115              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA71123              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA71124              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA72124              | new function                           |
|                                                                                                                                                                       |              | ZB5 AA791                | new function                           |
|                                                                                                                                                                       |              |                          |                                        |
| <b>Complete plastic bezel<br/>product</b><br><br>                                  | XB5 AL845    | XB5 AL73415              | version IP66                           |
|                                                                                                                                                                       |              | XB5 AA731327             | new function                           |
|                                                                                                                                                                       |              | XB5 AA711237             | new function                           |
|                                                                                                                                                                       | XB5 AW84B5   | XB5 AW73731B5            |                                        |
|                                                                                                                                                                       | XB5 AW84G5   | XB5 AW73731G5            |                                        |
|                                                                                                                                                                       | XB5 AW84M5   | XB5 AW73731M5            |                                        |
|                                                                                                                                                                       | XB5 AL945    | XB5 AL73415              |                                        |

| Product type                                                                                              | Old version | New version | Notes        |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|
| <b>Silicone boot</b><br> | ZBW008      | ZBA710      |              |
|                                                                                                           | ZBW008F     | ZBA708      |              |
|                                                                                                           | ZBW008W     | ZBA708      |              |
|                                                                                                           |             | ZBA709      | new function |

| Product type                                                                                                                                                    | Old version  | New version IP66 only | Notes                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------|------------------------------------------|
| <b>Metal head<br/>Double-headed pushbutton</b><br>                             | ZB4 BA8112   | ZB4 BA7120            |                                          |
|                                                                                                                                                                 | ZB4 BA8212   | ZB4 BA7121            |                                          |
|                                                                                                                                                                 | ZB4 BA8134   | ZB4 BA7340            |                                          |
|                                                                                                                                                                 | ZB4 BA8234   | ZB4 BA7341            |                                          |
|                                                                                                                                                                 | ZB4 BL8334   | ZB4 BL7340            |                                          |
|                                                                                                                                                                 | ZB4 BL8434   | ZB4 BL7341            |                                          |
|                                                                                                                                                                 | ZB4 BL8312   |                       | equivalent: ZB4BL7340 or ZB4BA7120       |
|                                                                                                                                                                 | ZB4 BL8412   |                       | equivalent: ZB4BL7341 or ZB4BA7121       |
|                                                                                                                                                                 |              | ZB4 BA79              | new function                             |
|                                                                                                                                                                 | ZB4 BA9112   | ZB4 BA7120            |                                          |
|                                                                                                                                                                 | ZB4 BA9212   | ZB4 BA7121            |                                          |
|                                                                                                                                                                 | ZB4 BA9134   | ZB4 BA7340            |                                          |
|                                                                                                                                                                 | ZB4 BA9234   | ZB4 BA7341            |                                          |
|                                                                                                                                                                 | ZB4 BL9334   | ZB4 BL7340            |                                          |
|                                                                                                                                                                 | ZB4 BL9434   | ZB4 BL7341            |                                          |
|                                                                                                                                                                 | ZB4 BL9312   |                       | equivalent: ZB4BL7340 or ZB4BA7120       |
|                                                                                                                                                                 | ZB4 BL9412   |                       | equivalent: ZB4BL7341 or ZB4BA7121       |
|                                                                                                                                                                 |              | ZB4 BA79              | new function                             |
| <b>Metal head<br/>Double-headed pushbutton<br/>+ central pilot light</b><br> | ZB4 BW811723 | ZB4 BW7A1720          |                                          |
|                                                                                                                                                                 | ZB4 BW821723 | ZB4 BW7A1721          |                                          |
|                                                                                                                                                                 | ZB4 BW813743 | ZB4 BW7A3740          |                                          |
|                                                                                                                                                                 | ZB4 BW823743 | ZB4 BW7A3741          |                                          |
|                                                                                                                                                                 | ZB4 BW812743 |                       | equivalent: ZB4BW7A3740                  |
|                                                                                                                                                                 | ZB4 BW822743 |                       | equivalent: ZB4BW7A3741                  |
|                                                                                                                                                                 | ZB4 BW833743 | ZB4 BW7L3740          |                                          |
|                                                                                                                                                                 | ZB4 BW843743 | ZB4 BW7L3741          |                                          |
|                                                                                                                                                                 | ZB4 BW831723 |                       | equivalent: ZB4 BW7L3740 or ZB4 BW7A1720 |
|                                                                                                                                                                 | ZB4 BW841723 |                       | equivalent: ZB4 BW7L3741 or ZB4 BW7A1721 |
|                                                                                                                                                                 | ZB4 BW832743 |                       | equivalent: ZB4BW7L3740                  |
|                                                                                                                                                                 | ZB4 BW842743 |                       | equivalent: ZB4 BW7L3741                 |
|                                                                                                                                                                 |              | ZB4 BW7A1724          | new function                             |
|                                                                                                                                                                 |              | ZB4 BW7A1715          | new function                             |
| <b>Metal head<br/>Triple-headed pushbutton</b><br>                           |              | ZB4 BA73132           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA73133           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA73134           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA73135           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA71115           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA71123           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA71124           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA72124           | new function                             |
|                                                                                                                                                                 |              | ZB4 BA791             | new function                             |
| <b>Complete metal bezel product</b><br>                                      | XB4 BL845    | XB4 BL73415           |                                          |
|                                                                                                                                                                 |              | XB4 BA731327          | new function                             |
|                                                                                                                                                                 |              | XB4 BA711237          | new function                             |
|                                                                                                                                                                 | XB4 BW84B5   | XB4 BW73731B5         |                                          |
|                                                                                                                                                                 | XB4 BW84G5   | XB4 BW73731G5         |                                          |
|                                                                                                                                                                 | XB4 BW84M5   | XB4 BW73731M5         |                                          |
|                                                                                                                                                                 | XB4 BL945    | XB4 BL73415           |                                          |





**Schneider Electric USA, Inc.**

8001 Knightdale Blvd.  
Knightdale, NC 27545  
1-888-SquareD  
1-888-778-2733

[www.us.schneider-electric.com](http://www.us.schneider-electric.com)

Schneider Electric™, Harmony™, and Protected LED™ are trademarks or registered trademarks of Schneider Electric and/or its affiliates in the United States and/or other countries. Other marks used herein may be the property of their respective owners.

The information and dimensions in this catalog are provided for the convenience of our customers. While this information is believed to be accurate, Schneider Electric reserves the right to make updates and changes without prior notification and assumes no liability for any errors or omissions.

9001CT1101 03/2011 © 2011 Schneider Electric. All Rights Reserved.