

# Control and signalling units Ø 16

Harmony® style 6

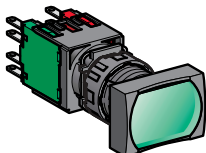
Pushbuttons, switches and pilot lights with double insulated bezel

1

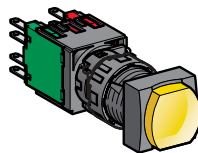
## Description

**Complete units**  
XB6 pushbuttons, switches and pilot lights

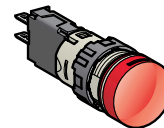
The Ø 16 range of double insulated control and signalling units comprises:



XB6 D with rectangular head



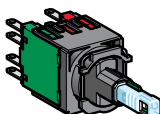
XB6 C with square head



XB6 A with circular head

1.2

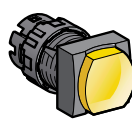
**Sub-assemblies for user assembly**  
ZB6 pushbuttons, switches and pilot lights  
Body + head sub-assemblies



ZB6 D with rectangular head



ZB6 C with square head



ZB6 A with circular head

## ZB component parts and accessories

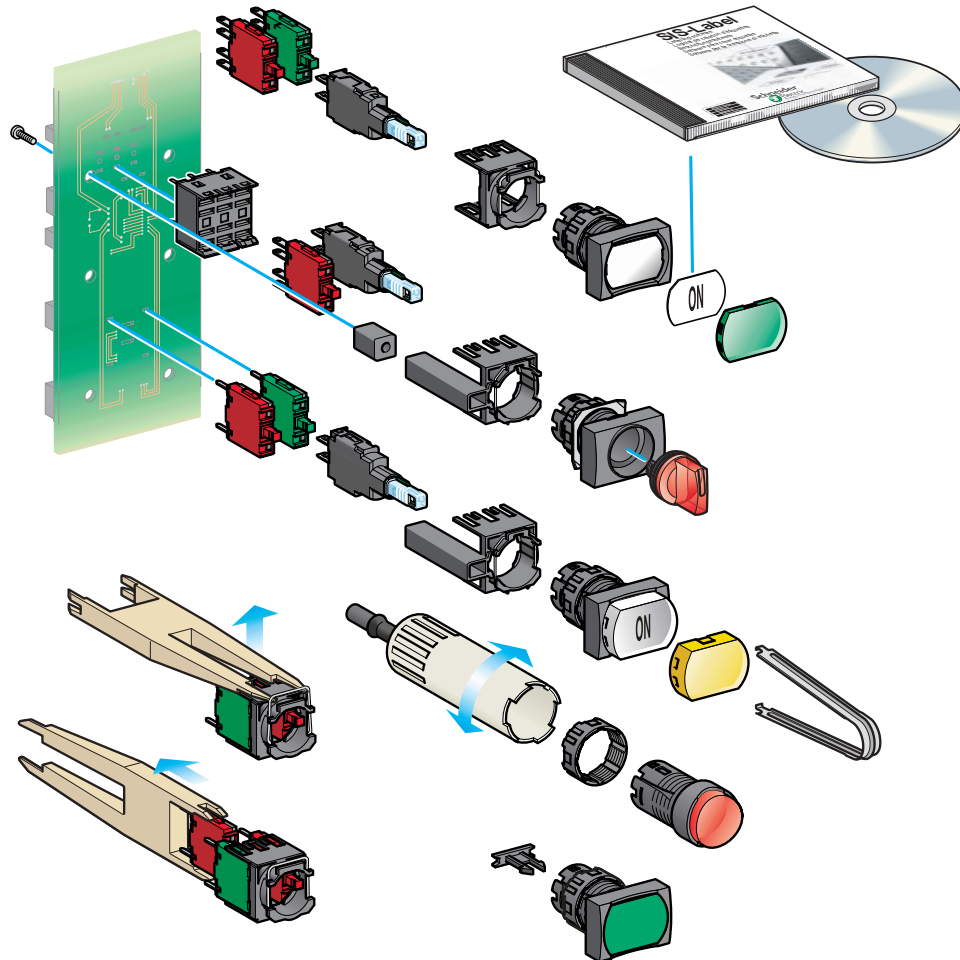
Any of the pushbuttons, switches or pilot lights in the range may be adapted by replacing certain component parts, such as:

### For heads

- Caps or lenses
- Legends
  - Pre-printed legends
  - Special legends produced using labelling software
- Link enabling operation of the 3<sup>rd</sup> 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



Schematic library

Contact functions (pushbuttons and Emergency stop pushbuttons)



Pushbutton  
N/O contact



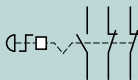
Latching pushbutton  
N/O contact



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

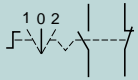


Mushroom head Emergency stop  
Turn to release, trigger action key  
release  
N/O + 2 N/C contacts

Contact functions (selector switches)



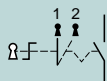
Selector switch  
2-position stay put  
N/O contact



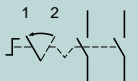
Selector switch  
3-position stay put  
N/O + N/C contacts



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

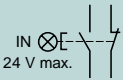


230 V neon pilot light

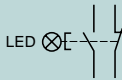


LED

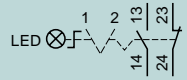
Combined functions, contact + signalling (pushbuttons and selector switches)



Illuminated pushbutton  
BA 9s incandescent bulb  
N/O + N/C contacts



Illuminated pushbutton with LED  
N/O + N/C contacts



Illuminated selector switch  
2-position stay put with LED  
N/O + N/C contacts

Control and signalling units Ø 16  
Harmony® style 6  
Pushbuttons, switches and pilot lights with double  
insulated bezel

1

1.2

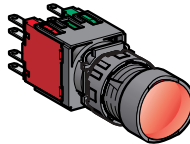
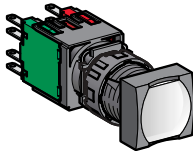
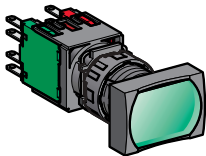
Complete units

Combined functions (contact + signalling)

Illuminated pushbuttons

Illuminated pushbuttons with rectangular, square or circular head

Head colours



Protected  
LED

Flush push with integral LED, spring return

XB6 DW●●●●  
see page 1/14

XB6 CW●●●●  
see page 1/14

XB6 AW●●●●  
see page 1/15

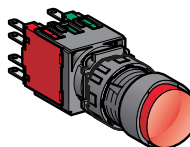
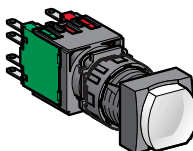
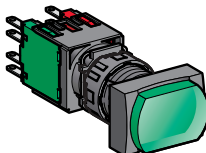
Protected  
LED

Flush push with integral LED, latching

XB6 DF●●●●  
see page 1/14

XB6 CF●●●●  
see page 1/14

XB6 AF●●●●  
see page 1/15



Protected  
LED

Projecting push with integral LED, spring return

XB6 DE●●●●  
see page 1/14

XB6 CE●●●●  
see page 1/14

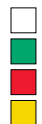
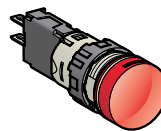
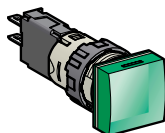
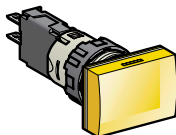
XB6 AE●●●●  
see page 1/15

Signalling functions

Pilot lights

Pilot lights with rectangular, square or circular head

Head colours



Protected  
LED

With integral LED

XB6 DV●●●  
see page 1/15

XB6 CV●●●  
see page 1/15

XB6 AV●●●  
see page 1/15

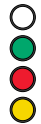
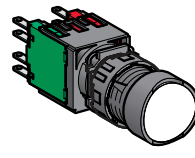
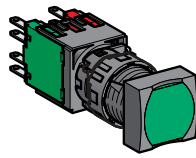
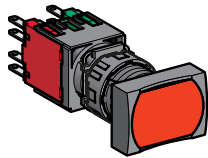
Complete units  
(continued)

## Contact functions

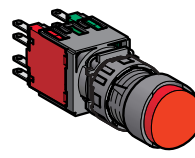
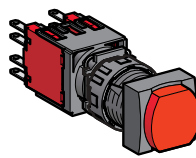
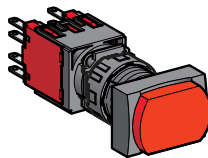
Pushbuttons,  
spring return

## Pushbuttons with rectangular, square or circular head

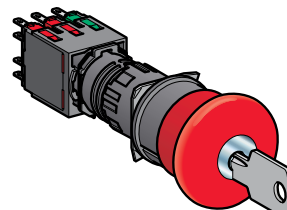
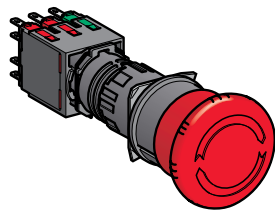
## Head colours



## Flush push

XB6 DA pushbutton  
see page 1/16XB6 CA pushbutton  
see page 1/16XB6 AA pushbutton  
see page 1/16

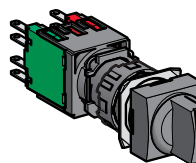
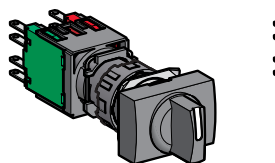
## Projecting push

XB6 DL42B  
see page 1/16XB6 CL42B  
see page 1/16XB6 AL42B  
see page 1/16Mushroom head,  
Emergency stop,  
Ø 30 pushbuttons,  
trigger action

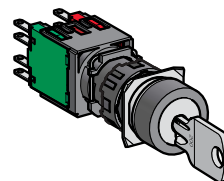
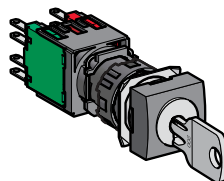
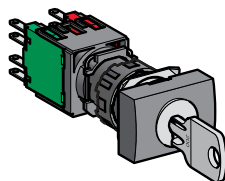
## Turn to release

XB6 AS8349B  
see page 1/16

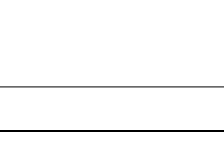
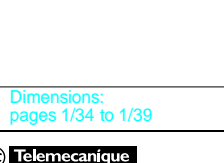
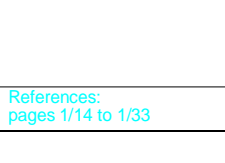
## Key release

XB6 AS9349B  
see page 1/16Selector switches  
and key switches

## Standard handle operator

XB6 DD selector switch  
see page 1/17XB6 CD selector switch  
see page 1/17XB6 AD selector switch  
see page 1/17

## Key switches

XB6 DG key switch  
see page 1/17XB6 CG key switch  
see page 1/17XB6 AG key switch  
see page 1/17



## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

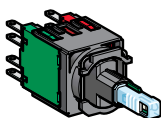
1

Illuminated units  
for user assembly

## For illuminated pushbuttons

Protected<sup>®</sup>  
LED

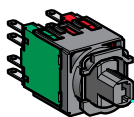
With integral LED



Faston

ZB6 ZB●●B

see page 1/18

Direct supply for  
incandescent bulb

Faston

ZB6 ZH●●B

see page 1/18



Faston

ZB6 ZH●●B

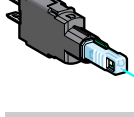
see page 1/18



Faston

ZB6 ZH●●B

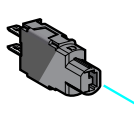
see page 1/18



Faston

ZB6 EB●●B

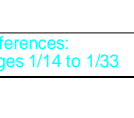
see page 1/19



Faston

ZB6 E●0B

see page 1/19



Faston

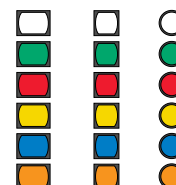
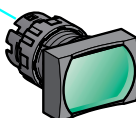
ZB6 E●0B

see page 1/19

## Combined functions (contact + signalling)

Body  
sub-assembliesHead sub-assemblies,  
rectangular, square or circular

Head colours



Flush push, spring return

ZB6 DW●●

see page 1/20

ZB6 CW●●

see page 1/20

ZB6 AW●●

see page 1/20

Flush push, latching

ZB6 DF●●

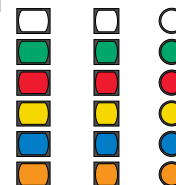
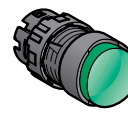
see page 1/20

ZB6 CF●●

see page 1/20

ZB6 AF●●

see page 1/20



Projecting push, spring return

ZB6 DE●●

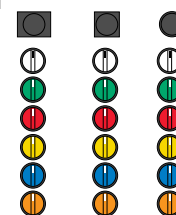
see page 1/20

ZB6 CE●●

see page 1/20

ZB6 AE●●

see page 1/20



Without handle

ZB6 DD●●●●

see page 1/23

ZB6 CD●●●●

see page 1/23

ZB6 AD●●●●

see page 1/23

## Signalling functions

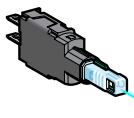
Body  
sub-assembliesHead sub-assemblies,  
rectangular, square or circular

Head colours

## For pilot lights

Protected<sup>®</sup>  
LED

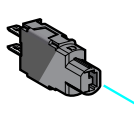
With integral LED



Faston

ZB6 EB●●B

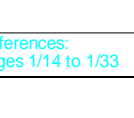
see page 1/19



Faston

ZB6 E●0B

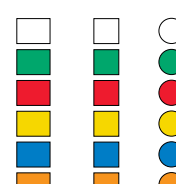
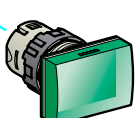
see page 1/19



Faston

ZB6 E●0B

see page 1/19



ZB6 DV●●

see page 1/21

ZB6 CV●●

see page 1/21

ZB6 AV●●

see page 1/21

# Control and signalling units Ø 16

Harmony® style 6  
Pushbuttons, switches and pilot lights with double insulated bezel

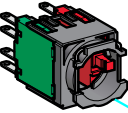
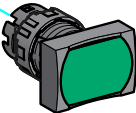
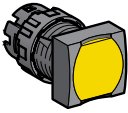
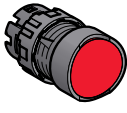
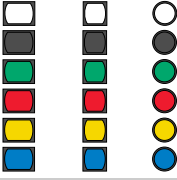
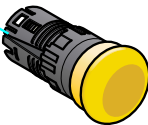
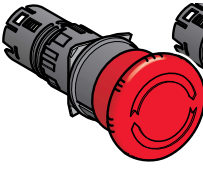
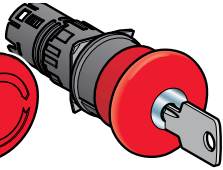

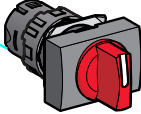
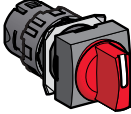
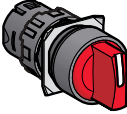

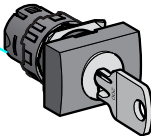
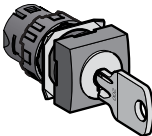
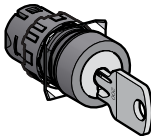

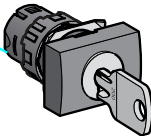
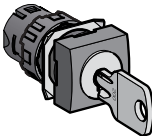
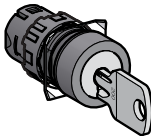

Non illuminated units for user assembly

For pushbuttons

For mushroom head pushbuttons

For selector switches and key switches

Contact functions

Body sub-assemblies	Head sub-assemblies, rectangular, square or circular	Head colours
<p>Direct supply for incandescent bulb</p> 	  	
<p>Faston ZB6 ZB●B see page 1/18</p>	<p>Flush push, spring return</p> <p>ZB6 DA● see page 1/21    ZB6 CA● see page 1/21    ZB6 AA● see page 1/21</p>   	
	<p>Spring return Ø 24    Latching, trigger action Ø 30</p> <p>ZB6 AC● see page 1/21    ZB6 A5834 Turn to release see page 1/21    ZB6 A5934 Key release see page 1/21</p>   	
	<p>Standard handle operator</p> <p>ZB6 DD● see page 1/22    ZB6 CD● see page 1/22    ZB6 AD● see page 1/22</p>   	
	<p>Key switches</p> <p>ZB6 DG● see page 1/22    ZB6 CG● see page 1/22    ZB6 AG● see page 1/22</p>   	

1

## Environment

Conforming to standards			IEC/EN 60947-1, IEC/EN 60947-5-1, IEC/EN 60947-5-4, JIS C 4520 and 852 UL 508, CSA C22-2 n° 14
Product certifications			UL, CSA ASE, BV, JIS, RINA, LROS, DNV, GL: pending
Protective treatment standard version			"TC"
Ambient air temperature around the device	Storage	°C	- 40...+ 70
	Operation	°C	- 25...+ 70
Vibration resistance	Conforming to IEC 68-2-6		(2...500 Hz) 3 mm peak to peak or 5 gn
Electric shock resistance	Conforming to IEC 68-2-27		Half sine wave 11 ms, 50 gn Half sine wave 18 ms, 30 gn
Electric shock protection	Conforming to IEC 536 and NF C 20-030		Class II
Degree of protection	Conforming to IEC 529 and NF C 20-010 Conforming to UL 50 and CSA C22-2		IP 65 NEMA type 4, 4X and 13 (except key switches)
Mechanical life (in operating cycles)	Spring return pushbuttons		2 million
	Latching pushbuttons		300 000
	Key switches		200 000
	Selector switches, standard handle		500 000
	Emergency stop mushroom head pushbuttons		100 000
Mounting positions			All positions

## Electrical characteristics of LED pilot lights

Voltage limits			≈ 12...24 V : 6...30 V ~ 48...120 V : 40...132 V ~ 230-240 V : 195...264 V
Current consumption	≈ 24 V	mA	15
Surge withstand	Conforming to IEC 61000-4-5	kV	2 (in free air / 1 (direct contact)
Resistance to fast transients	Conforming to IEC 61000-4-4	kV	2
Resistance to electromagnetic fields	Conforming to IEC 61000-4-3	V/m	10
Resistance to electrostatic discharges	Conforming to IEC 61000-2-6	kV	8/6
Electromagnetic emission	Conforming to IEC 55011		Class B

## Electrical characteristics of contacts

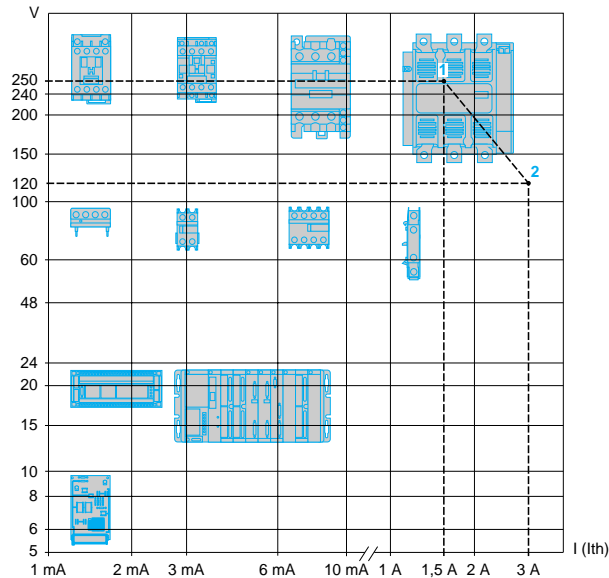
Rated operational characteristics	~ AC-15		B300 or Ue = 240 V and Ie = 1.5 A or Ue 120 V and Ie = 3 A
	--- DC-13		R300 or Ue = 250 V and Ie = 0.1 A or Ue = 125 V and Ie = 0.22 A
Rated insulation voltage	Conforming to IEC 60947-1		Ui = 250 degree of pollution 3 (Except pilot lights with incandescent or neon bulb: degree of pollution 2)

# Control and signalling units Ø 16

Harmony® style 6  
Pushbuttons, switches and pilot lights with double insulated bezel

Electrical characteristics of contacts (continued)

Rated impulse withstand voltage	Conforming to IEC 60947-1	kV	Uimp = 4
Contact material	Normal environment and usage		Silver alloy
	Chemically corrosive environment or infrequent operation		Gold flashed
Contact operation	N/C or N/O		Slow break, with indication of change of state by the tactile feedback on push and audible signal
Differential travel of contacts	With pushbutton head	mm	Changing N/C state: 1 Changing N/O state: 2 Total travel: 3.5
Operating force	N/C contact	N	2.5
	N/O contact	N	1.6
	Pushbutton head + N/O contact	N	3.5
	Pushbutton head + N/C contact	N	4.5
Positive operation	Conforming to IEC/EN 60947-5-1 appendix K	N	Contact with positive opening operation Positive opening force: 20
Terminal referencing	Conforming to EN 50005 and EN 50013		
Short-circuit protection	Cartridge fuse mounted upstream		6A gG
Electrical reliability	Failure rate Conforming to IEC/EN 60947-5-4		With confidence level of 90 %: $\lambda_{90} = 10^{-8}$ 5 V - 1 mA, defect contact voltage drop = 0.5 V
Cabling		mm	By Faston connectors 2.8 x 0.5 By pins for printed circuit board connection 1 x 0.5
Electrical durability	Conforming to IEC/EN 60947-5-1 Appendix C Utilisation category AC-15 & DC-13 Operating rate 3600 operating cycles/hour. Load factor 0.5		1 million operating cycles - 200 VA-230 V



- 1 Switching capacity conforming to IEC/EN 60947-5-1, utilisation category AC-15, DC-13
- |      |       |       |
|------|-------|-------|
| B300 | 240 V | 1.5 A |
| R300 | 250 V | 0.1 A |
- 2 Switching capacity conforming to IEC/EN 60947-5-1, utilisation category AC-15, DC-13
- |      |       |        |
|------|-------|--------|
| B300 | 120 V | 3 A    |
| R300 | 125 V | 0.22 A |

# Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Complete units XB6, with Faston connectors

1

1.2



XB6 DW●●●B









XB6 DE●●●B



XB6 CW●●●B



XB6 CE●●●B

Illuminated pushbuttons (with 12...24 V LED included)						
Shape of head	Type of push	Type of contacts		Colour	Reference	Weight kg
		 N/O	 N/C			
	Flush, spring return	1	—	White	XB6 DW1B1B	0.022
				Green	XB6 DW3B1B	0.022
		—	1	Red	XB6 DW4B2B	0.022
		1	1	White	XB6 DW1B5B	0.025
				Green	XB6 DW3B5B	0.025
				Red	XB6 DW4B5B	0.025
	Flush, latching	1	—	Green	XB6 DF3B1B	0.022
		—	1	Red	XB6 DF4B2B	0.022
		1	1	White	XB6 DF1B5B	0.025
				Green	XB6 DF3B5B	0.025
				Red	XB6 DF4B5B	0.025
	Projecting, spring return	1	—	Green	XB6 DE3B1B	0.022
		—	1	Red	XB6 DE4B2B	0.022
		1	1	White	XB6 DE1B5B	0.025
				Green	XB6 DE3B5B	0.025
				Red	XB6 DE4B5B	0.025
	Flush, spring return	1	—	White	XB6 CW1B1B	0.022
				Green	XB6 CW3B1B	0.022
		—	1	Red	XB6 CW4B2B	0.022
		1	1	White	XB6 CW1B5B	0.025
				Green	XB6 CW3B5B	0.025
				Red	XB6 CW4B5B	0.025
	Flush, latching	1	—	Green	XB6 CF3B1B	0.022
		—	1	Red	XB6 CF4B2B	0.022
		1	1	White	XB6 CF1B5B	0.025
				Green	XB6 CF3B5B	0.025
				Red	XB6 CF4B5B	0.025
	Projecting, spring return	1	—	Green	XB6 CE3B1B	0.022
		—	1	Red	XB6 CE4B2B	0.022
		1	1	White	XB6 CE1B5B	0.025
				Green	XB6 CE3B5B	0.025
				Red	XB6 CE4B5B	0.025



XB6 A●●●●B



XB6 AE●●●●B



XB6 DV●●BB



XB6 CV●●BB



XB6 AV●●BB

**Illuminated pushbuttons** (with 12...24 V LED included) (continued)

Shape of head	Type of push	Type of contacts		Colour	Reference	Weight kg
		N/O	N/C			
	Flush, spring return	1	—	White	XB6 AW1B1B	0.022
				Green	XB6 AW3B1B	0.022
		—	1	Red	XB6 AW4B2B	0.022
		1	1	White	XB6 AW1B5B	0.025
				Green	XB6 AW3B5B	0.025
				Red	XB6 AW4B5B	0.025
	Flush, latching	1	—	Green	XB6 AF3B1B	0.022
		—	1	Red	XB6 AF4B2B	0.022
		1	1	White	XB6 AF1B5B	0.025
				Green	XB6 AF3B5B	0.025
				Red	XB6 AF4B5B	0.025
	Projecting, spring return	1	—	Green	XB6 AE3B1B	0.022
		—	1	Red	XB6 AE4B2B	0.022
		1	1	White	XB6 AE1B5B	0.025
				Green	XB6 AE3B5B	0.025
				Red	XB6 AE4B5B	0.025

**Pilot lights** (with 12...24 V LED included)

Shape of head	Colour	Reference	Weight kg
	White	XB6 DV1BB	0.015
	Green	XB6 DV3BB	0.015
	Red	XB6 DV4BB	0.015
	Yellow	XB6 DV5BB	0.015
	White	XB6 CV1BB	0.015
	Green	XB6 CV3BB	0.015
	Red	XB6 CV4BB	0.015
	Yellow	XB6 CV5BB	0.015
	White	XB6 AV1BB	0.015
	Green	XB6 AV3BB	0.015
	Red	XB6 AV4BB	0.015
	Yellow	XB6 AV5BB	0.015

# Control and signalling units Ø 16

Harmony® style 6  
Pushbuttons, switches and pilot lights with double  
insulated bezel  
Complete units XB6, with Faston connectors

1

1.2



XB6 DA●●B



XB6 CA●●B



XB6 AA●●B








XB6 AS8349B


































XB6 AS9349B

## Pushbuttons

Shape of head	Type of push	Type of contacts		Colour	Reference	Weight
		 N/O	 N/C			kg
	Flush, spring return	1	—	White	XB6 DA11B	0.019
				Green	XB6 DA31B	0.019
		—	1	Black	XB6 DA22B	0.019
				Red	XB6 DA42B	0.019
		1	1	White	XB6 DA15B	0.022
				Black	XB6 DA25B	0.022
				Green	XB6 DA35B	0.022
				Red	XB6 DA45B	0.022
	Projecting, spring return	—	1	Red	XB6 DL42B	0.020
		Flush, spring return	1	—	White	XB6 CA11B
Green					XB6 CA31B	0.019
—			1	Black	XB6 CA22B	0.019
				Red	XB6 CA42B	0.019
1			1	White	XB6 CA15B	0.022
				Black	XB6 CA25B	0.022
				Green	XB6 CA35B	0.022
				Red	XB6 CA45B	0.022
Projecting, spring return		—	1	Red	XB6 CL42B	0.020
		Flush, spring return	1	—	White	XB6 AA11B
	Green				XB6 AA31B	0.019
	—		1	Black	XB6 AA22B	0.019
				Red	XB6 AA42B	0.019
	1		1	White	XB6 AA15B	0.022
				Black	XB6 AA25B	0.022
				Green	XB6 AA35B	0.022
				Red	XB6 AA45B	0.022
	Projecting, spring return	—	1	Red	XB6 AL42B	0.020

## Trigger action Emergency stop mushroom head pushbuttons (red)

Shape of head	Type of push	Type of contacts		Diameter of push	Reference	Weight kg
		 N/O	 N/C			
	Turn to release	1	2	30	XB6 AS8349B	0.041
	Key release (key n° 200)	1	2	30	XB6 AS9349B	0.056

Selector switches and key switches (switching angle: handle: 60°, key: 70°)							
Shape of head	Type of push	Type of contacts		Number and type of positions	Reference	Weight	
		N/O	N/C			kg	
 813786 XB6 DD●●●B		1	—	2 - stay put 	XB6 DD221B	0.021	
				2 - stay put 	XB6 DD225B	0.024	
				3 - stay put 	XB6 DD235B	0.024	
 813783 XB6 DG●●●B		1	1	2 - stay put 	XB6 DGC5B	0.036	
				3 - stay put 	XB6 DGH5B	0.036	
 813784 XB6 CD●●●B		1	—	2 - stay put 	XB6 CD221B	0.021	
				2 - stay put 	XB6 CD225B	0.024	
				3 - stay put 	XB6 CD235B	0.024	
 813783 XB6 CG●●●B		1	1	2 - stay put 	XB6 CGC5B	0.036	
				3 - stay put 	XB6 CGH5B	0.036	
 813782 XB6 AD●●●B		1	—	2 - stay put 	XB6 AD221B	0.021	
				2 - stay put 	XB6 AD225B	0.024	
				3 - stay put 	XB6 AD235B	0.024	
 813781 XB6 AG●●●B		1	1	2 - stay put 	XB6 AGC5B	0.036	
				3 - stay put 	XB6 AGH5B	0.036	

(1) Key n° 200, withdrawal from all positions.



## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Sub-assemblies, ZB6: bodies

To combine with heads:  
see pages 1/20 to 1/25

1



ZB6 ZB11B

1.2





ZB6 ZH01B





ZB6 Z1B

## Complete bodies for illuminated pushbuttons (contact block + light source) (1)

Description	Supply voltage	Type of contacts		Colour of light source	Reference	Weight
		 N/O	 N/C			
V				kg		
<b>Faston connectors</b>						
Integral LED (2)	≈ 12...24	1	—	White	<b>ZB6 ZB11B</b>	0.006
				Green	<b>ZB6 ZB31B</b>	0.006
				Yellow	<b>ZB6 ZB51B</b>	0.006
		—	1	Red	<b>ZB6 ZB42B</b>	0.006
				Yellow	<b>ZB6 ZB52B</b>	0.006
		1	1	White	<b>ZB6 ZB15B</b>	0.009
				Green	<b>ZB6 ZB35B</b>	0.009
				Red	<b>ZB6 ZB45B</b>	0.009
				Yellow	<b>ZB6 ZB55B</b>	0.009
				Blue	<b>ZB6 ZB65B</b>	0.009
Direct for incandescent bulb (not included) T1 1/4 (3)	3...24	1	—	—	<b>ZB6 ZH01B</b>	0.006
		—	1	—	<b>ZB6 ZH02B</b>	0.006
		1	1	—	<b>ZB6 ZH05B</b>	0.009

## Complete bodies for pushbuttons, selector switches and key switches (contact block)

Description	Supply voltage	Type of contacts		Reference	Weight
					
	V	N/O	N/C		kg
Faston connectors					
Direct	≤ 250	1	–	ZB6 Z1B	0.004
		–	1	ZB6 Z2B	0.004
		2	–	ZB6 Z3B	0.006
		–	2	ZB6 Z4B	0.006
		1	1	ZB6 Z5B	0.006

(1) It is possible to assemble illuminated selector switches by using an illuminated pushbutton body sub-assembly in conjunction with a selector switch head supplied without handle (see page 1/23), and a transparent handle (see page 1/30).

(2) The colour of the LED must be the same as that of the pushbutton cap.

(3) Bulb to be ordered separately (see page 1/33).

To combine with heads:  
see pages 1/20 to 1/25



ZB6 EB0B



ZB6 E00B



ZB6 EB0A



ZB6 E00A



ZB6 E0B



ZB6 E0A

## Complete bodies for pilot lights (light source)

Description	Supply voltage V	Sold in lots of	Colour of light source	Reference	Weight kg
<b>Faston connectors</b> (direct mounting by the head)					
<b>Integral LED</b> (1)	≈ 12...24	5	White	<b>ZB6 EB1B</b>	0.003
		5	Green	<b>ZB6 EB3B</b>	0.003
		5	Red	<b>ZB6 EB4B</b>	0.003
		5	Yellow	<b>ZB6 EB5B</b>	0.003
		5	Blue	<b>ZB6 EB6B</b>	0.003
		5	Orange	<b>ZB6 EB8B</b>	0.003
	≈ 48...120	5	White	<b>ZB6 EG1B</b>	0.003
		5	Green	<b>ZB6 EG3B</b>	0.003
		5	Red	<b>ZB6 EG4B</b>	0.003
		5	Yellow	<b>ZB6 EG5B</b>	0.003
		5	Blue	<b>ZB6 EG6B</b>	0.003
		5	Orange	<b>ZB6 EG8B</b>	0.003
	≈ 230...240	5	White	<b>ZB6 EM1B</b>	0.003
		5	Green	<b>ZB6 EM3B</b>	0.003
		5	Red	<b>ZB6 EM4B</b>	0.003
		5	Yellow	<b>ZB6 EM5B</b>	0.003
		5	Blue	<b>ZB6 EM6B</b>	0.003
		5	Orange	<b>ZB6 EM8B</b>	0.003
<b>With resistor</b> for 95 V neon bulb (not included) T1 1/4 (2) (3)	≈ 120	5	—	<b>ZB6 EG0B</b>	0.003
	≈ 230	5	—	<b>ZB6 EM0B</b>	0.003
<b>Direct supply</b> for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	≈ ≤ 24	5	—	<b>ZB6 EH0B</b>	0.003

## Pins for printed circuit board connection (mounting by the body, see page 1/32)

<b>Integral LED</b> (1)	≈ 12...24	5	White	<b>ZB6 EB1A</b>	0.003
		5	Green	<b>ZB6 EB3A</b>	0.003
		5	Red	<b>ZB6 EB4A</b>	0.003
		5	Yellow	<b>ZB6 EB5A</b>	0.003
		5	Blue	<b>ZB6 EB6A</b>	0.003
		5	Orange	<b>ZB6 EB8A</b>	0.003
<b>Direct supply</b> for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	≈ 3...24	5	—	<b>ZB6 EH0A</b>	0.003

## Separate contact blocks

Type of contacts	For use with bodies	Type of contacts		Sold in lots of	Reference	Weight kg
<b>Silver alloy</b>	Faston	1	—	10	<b>ZB6 E1B</b>	0.004
		—	1	10	<b>ZB6 E2B</b>	0.004
	Printed circuit ZB6 Y011	1	—	10	<b>ZB6 E1A</b>	0.004
		—	1	10	<b>ZB6 E2A</b>	0.004
<b>Gold flashed</b>	Faston	1	—	10	<b>ZB6 E1E</b>	0.004
		—	1	10	<b>ZB6 E2E</b>	0.004
	Printed circuit ZB6 Y011	1	—	10	<b>ZB6 E1D</b>	0.004
		—	1	10	<b>ZB6 E2D</b>	0.004

(1) The colour of the LED must be the same as that of the lens mounted on the head.

(2) Bulb to be ordered separately (see page 1/33).

(3) Neon bulbs must only be used with red, yellow or white lenses.

## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Sub-assemblies, ZB6: heads

To combine with complete bodies and contact blocks: see pages 1/18 and 1/19

1



ZB6 DW●

1.2



ZB6 DE●



ZB6 CW●



ZB6 CE●



ZB6 AW●



ZB6 AE●

## Heads for illuminated pushbuttons

Shape of head	Type of push	Colour of cap	Reference	Weight kg
	Flush, spring return	White	ZB6 DW1	0.016
		Green	ZB6 DW3	0.016
		Red	ZB6 DW4	0.016
		Yellow	ZB6 DW5	0.016
		Blue	ZB6 DW6	0.016
		Orange	ZB6 DW8	0.016
		6 colours (1)	ZB6 DW9	0.016
		Without cap (2)	ZB6 DW0	0.016
	Flush, latching	White	ZB6 DF1	0.016
		Green	ZB6 DF3	0.016
		Red	ZB6 DF4	0.016
		Yellow	ZB6 DF5	0.016
		Blue	ZB6 DF6	0.016
		Orange	ZB6 DF8	0.016
	Projecting, spring return	6 colours (1)	ZB6 DF9	0.016
		Without cap (2)	ZB6 DF0	0.016
		White	ZB6 DE1	0.016
		Green	ZB6 DE3	0.016
		Red	ZB6 DE4	0.016
		Yellow	ZB6 DE5	0.016
		Blue	ZB6 DE6	0.016
		Orange	ZB6 DE8	0.016
		6 colours (1)	ZB6 DE9	0.016
		Without cap (2)	ZB6 DE0	0.016
	Flush, spring return	White	ZB6 CW1	0.016
		Green	ZB6 CW3	0.016
		Red	ZB6 CW4	0.016
		Yellow	ZB6 CW5	0.016
		Blue	ZB6 CW6	0.016
		Orange	ZB6 CW8	0.016
		6 colours (1)	ZB6 CW9	0.016
		Without cap (2)	ZB6 CW0	0.016
	Flush, latching	White	ZB6 CF1	0.016
		Green	ZB6 CF3	0.016
		Red	ZB6 CF4	0.016
		Yellow	ZB6 CF5	0.016
		Blue	ZB6 CF6	0.016
		Orange	ZB6 CF8	0.016
	Projecting, spring return	6 colours (1)	ZB6 CF9	0.016
		Without cap (2)	ZB6 CF0	0.016
		White	ZB6 CE1	0.016
		Green	ZB6 CE3	0.016
		Red	ZB6 CE4	0.016
		Yellow	ZB6 CE5	0.016
		Blue	ZB6 CE6	0.016
		Orange	ZB6 CE8	0.016
		6 colours (1)	ZB6 CE9	0.016
		Without cap (2)	ZB6 CE0	0.016
	Flush, spring return	White	ZB6 AW1	0.016
		Green	ZB6 AW3	0.016
		Red	ZB6 AW4	0.016
		Yellow	ZB6 AW5	0.016
		Blue	ZB6 AW6	0.016
		Orange	ZB6 AW8	0.016
		6 colours (1)	ZB6 AW9	0.016
		Without cap (2)	ZB6 AW0	0.016
	Flush, latching	White	ZB6 AF1	0.016
		Green	ZB6 AF3	0.016
		Red	ZB6 AF4	0.016
		Yellow	ZB6 AF5	0.016
		Blue	ZB6 AF6	0.016
		Orange	ZB6 AF8	0.016
	Projecting, spring return	6 colours (1)	ZB6 AF9	0.016
		Without cap (2)	ZB6 AF0	0.016
		White	ZB6 AE1	0.016
		Green	ZB6 AE3	0.016
		Red	ZB6 AE4	0.016
		Yellow	ZB6 AE5	0.016
	Projecting, spring return	Blue	ZB6 AE6	0.016
		Orange	ZB6 AE8	0.016
		6 colours (1)	ZB6 AE9	0.016
		Without cap (2)	ZB6 AE0	0.016

(1) 6 different coloured caps included with head (white, green, red, yellow, blue and orange) not fitted.

(2) To order caps separately, see page 1/26.

To combine with complete bodies and contact blocks: see pages 1/18 and 1/19



ZB6 DV●



ZB6 CV●



ZB6 AV●

## Heads for pilot lights

Shape of head	Colour of lens	Reference	Weight kg
	White	ZB6 DV1	0.015
	Green	ZB6 DV3	0.015
	Red	ZB6 DV4	0.015
	Yellow	ZB6 DV5	0.015
	Blue	ZB6 DV6	0.015
	Orange	ZB6 DV8	0.015
	6 colours (1)	ZB6 DV9	0.015
	Without lens (2)	ZB6 DV0	0.015
	White	ZB6 CV1	0.015
	Green	ZB6 CV3	0.015
	Red	ZB6 CV4	0.015
	Yellow	ZB6 CV5	0.015
	Blue	ZB6 CV6	0.015
	Orange	ZB6 CV8	0.015
	6 colours (1)	ZB6 CV9	0.015
	Without lens (2)	ZB6 CV0	0.015
	White	ZB6 AV1	0.015
	Green	ZB6 AV3	0.015
	Red	ZB6 AV4	0.015
	Yellow	ZB6 AV5	0.015
	Blue	ZB6 AV6	0.015
	Orange	ZB6 AV8	0.015
	6 colours (1)	ZB6 AV9	0.015
	Without lens (2)	ZB6 AV0	0.015

## Heads for pushbuttons

Shape of head	Type of push	Colour of cap	Reference	Weight kg
	Flush, spring return	White	ZB6 DA1	0.016
		Black	ZB6 DA2	0.016
		Green	ZB6 DA3	0.016
		Red	ZB6 DA4	0.016
		Yellow	ZB6 DA5	0.016
		Blue	ZB6 DA6	0.016
		6 colours (3)	ZB6 DA9	0.016
		Without cap (2)	ZB6 DW0	0.016
		White	ZB6 CA1	0.016
		Black	ZB6 CA2	0.016
	Flush, spring return	Green	ZB6 CA3	0.016
		Red	ZB6 CA4	0.016
		Yellow	ZB6 CA5	0.016
		Blue	ZB6 CA6	0.016
		6 colours (3)	ZB6 CA9	0.016
		Without cap (2)	ZB6 CW0	0.016
		White	ZB6 AA1	0.016
		Black	ZB6 AA2	0.016
		Green	ZB6 AA3	0.016
		Red	ZB6 AA4	0.016
	Flush, spring return	Yellow	ZB6 AA5	0.016
		Blue	ZB6 AA6	0.016
		6 colours (3)	ZB6 AA9	0.016
		Without cap (2)	ZB6 AW0	0.016

## Ø 24 mushroom heads for pushbuttons

Spring return	Colour of cap	Reference	Weight kg
	White	ZB6 AC1	0.020
	Black	ZB6 AC2	0.020
	Green	ZB6 AC3	0.020
	Yellow	ZB6 AC5	0.020
	Blue	ZB6 AC6	0.020

## Ø 30 mushroom heads for trigger action Emergency stop pushbuttons

Turn to release	Colour of cap	Reference	Weight kg
	Red	ZB6 AS834	0.035
	Red	ZB6 AS934	0.050
	Red	ZB6 AS934	0.050
	Red	ZB6 AS934	0.050

(1) 6 different coloured lenses included with head (white, green, red, yellow, blue and orange) not fitted.

(2) To order caps or lenses separately, see pages 1/26 to 1/29.

(3) 6 different coloured caps included with head (white, black, green, yellow, red and blue) not fitted.

To combine with complete bodies and contact blocks: see pages 1/18 and 1/19

1



ZB6 DD●●

1.2



ZB6 DD●●



ZB6 AD●●

## Heads for selector switches with standard handle

Shape of head	Number and type of positions	Colour of handle	Reference	Weight kg
Switching angle: stay put positions 60°, spring return positions 45°				
	2 - stay put	Black Red	ZB6 DD22 ZB6 DD42	0.018 0.018
	3 - stay put	Black Red	ZB6 DD23 ZB6 DD43	0.018 0.018
	2 spring return to centre	Black Red	ZB6 DD24 ZB6 DD44	0.018 0.018
	3 spring return to centre	Black Red	ZB6 DD25 ZB6 DD45	0.018 0.018
	3 spring return from right to centre	Black Red	ZB6 DD26 ZB6 DD46	0.018 0.018
	3 spring return from left to centre	Black Red	ZB6 DD27 ZB6 DD47	0.018 0.018
	2 - stay put	Black Red	ZB6 CD22 ZB6 CD42	0.018 0.018
	3 - stay put	Black Red	ZB6 CD23 ZB6 CD43	0.018 0.018
	2 spring return to centre	Black Red	ZB6 CD24 ZB6 CD44	0.018 0.018
	3 spring return to centre	Black Red	ZB6 CD25 ZB6 CD45	0.018 0.018
	3 spring return from right to centre	Black Red	ZB6 CD26 ZB6 CD46	0.018 0.018
	3 spring return from left to centre	Black Red	ZB6 CD27 ZB6 CD47	0.018 0.018
	2 - stay put	Black Red	ZB6 AD22 ZB6 AD42	0.018 0.018
	3 - stay put	Black Red	ZB6 AD23 ZB6 AD43	0.018 0.018
	2 spring return to centre	Black Red	ZB6 AD24 ZB6 AD44	0.018 0.018
	3 spring return to centre	Black Red	ZB6 AD25 ZB6 AD45	0.018 0.018
	3 spring return from right to centre	Black Red	ZB6 AD26 ZB6 AD46	0.018 0.018
	3 spring return from left to centre	Black Red	ZB6 AD27 ZB6 AD47	0.018 0.018
Switching angle: stay put positions 90°				
	2 - stay put	Black Red	ZB6 DD28 ZB6 DD48	0.018 0.018
	2 - stay put	Black Red	ZB6 CD28 ZB6 CD48	0.018 0.018
	2 - stay put	Black Red	ZB6 AD28 ZB6 AD48	0.018 0.018

To combine with complete bodies and contact blocks: see pages 1/18 and 1/19



ZB6 DD00



ZB6 CD00



ZB6 AD00






































## Heads for illuminated selector switches, without handle (1)

Shape of head	Number and type of positions	Reference	Weight kg
Switching angle: stay put positions 60°, spring return positions 45°			
	2 - stay put	ZB6 DD02	0.016
	3 - stay put	ZB6 DD03	0.016
	2 spring return to centre	ZB6 DD04	0.016
	3 spring return to centre	ZB6 DD05	0.016
	3 spring return from right to centre	ZB6 DD06	0.016
	3 spring return from left to centre	ZB6 DD07	0.016
	2 - stay put	ZB6 CD02	0.016
	3 - stay put	ZB6 CD03	0.016
	2 spring return to centre	ZB6 CD04	0.016
	3 spring return to centre	ZB6 CD05	0.016
	3 spring return from right to centre	ZB6 CD06	0.016
	3 spring return from left to centre	ZB6 CD07	0.016
	2 - stay put	ZB6 AD02	0.016
	3 - stay put	ZB6 AD03	0.016
	2 spring return to centre	ZB6 AD04	0.016
	3 spring return to centre	ZB6 AD05	0.016
	3 spring return from right to centre	ZB6 AD06	0.016
	3 spring return from left to centre	ZB6 AD07	0.016
Switching angle: stay put positions 90°			
	2 - stay put	ZB6 DD08	0.016
	2 - stay put	ZB6 CD08	0.016
	2 - stay put	ZB6 AD08	0.016

(1) Handle to be ordered separately (see page 1/30) for bodies with 2 contact blocks maximum.

To combine with complete bodies and contact blocks: see pages 1/18 and 1/19

## Heads for key switches (Ronis key n° 200) (1)




























Shape of head	Number and type of positions	Key withdrawal	Reference	Weight kg
Switching angle: stay put positions 70°, spring return positions 45°				
	2 - stay put		<b>ZB6 DGA</b>	0.030
			<b>ZB6 DGB (2)</b>	0.030
			<b>ZB6 DGC (2)</b>	0.030
	2 - spring return		<b>ZB6 DGL</b>	0.030
			<b>ZB6 DGD</b>	0.030
			<b>ZB6 DGE (2)</b>	0.030
	3 - stay put		<b>ZB6 DGF</b>	0.030
			<b>ZB6 DGG</b>	0.030
			<b>ZB6 DGH (2)</b>	0.030
			<b>ZB6 DGJ</b>	0.030
			<b>ZB6 DGK</b>	0.030
			<b>ZB6 DGM</b>	0.030
			<b>ZB6 DGN</b>	0.030
			<b>ZB6 DGP</b>	0.030
			<b>ZB6 DGQ</b>	0.030
	3 spring return from left to centre		<b>ZB6 DGR</b>	0.030
			<b>ZB6 DGS</b>	0.030
			<b>ZB6 DGT</b>	0.030
	3 spring return from right to centre		<b>ZB6 CGA</b>	0.030
			<b>ZB6 CGB (2)</b>	0.030
			<b>ZB6 CGC (2)</b>	0.030
	2 - spring return		<b>ZB6 CGL</b>	0.030
			<b>ZB6 CGD</b>	0.030
			<b>ZB6 CGE (2)</b>	0.030
	3 - stay put		<b>ZB6 CGF</b>	0.030
			<b>ZB6 CGG</b>	0.030
			<b>ZB6 CGH (2)</b>	0.030
			<b>ZB6 CGJ</b>	0.030
			<b>ZB6 CGK</b>	0.030
				

(1) To order a key switch with DOM 311 key, add the suffix 1 to the references selected above.  
Example: **ZB6 DGA1**.

(2) Also available with Ronis key numbers: 201, 202 and 203. To order, add the key number to the end of the reference. Example: for key switch **ZB6 DGB** with Ronis key n° 201, the reference becomes: **ZB6 DGB201**.

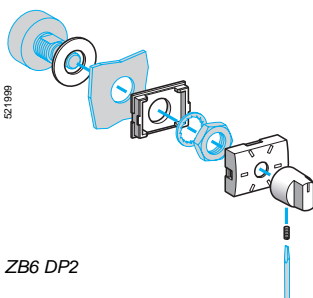
To combine with complete bodies and contact blocks: see pages 1/18 and 1/19

## Heads for key switches (Ronis key n° 200) (1) (continued)

Shape of head	Number and type of positions	Key withdrawal	Reference	Weight kg		
Switching angle: stay put positions 70°, spring return positions 45°						
	3 spring return from left to centre		RH position	<b>ZB6 CGM</b>	0.030	
			Centre position	<b>ZB6 CGN</b>	0.030	
			RH and Centre positions	<b>ZB6 CGP</b>	0.030	
	3 spring return from right to centre		Left-hand position	<b>ZB6 CGQ</b>	0.030	
			Centre position	<b>ZB6 CGR</b>	0.030	
			LH and Centre positions	<b>ZB6 CGS</b>	0.030	
	3 spring return to centre		Centre position	<b>ZB6 CGT</b>	0.030	
		2 - stay put		RH position	<b>ZB6 AGA</b>	0.030
				Centre position	<b>ZB6 AGB (2)</b>	0.030
				All positions	<b>ZB6 AGC (2)</b>	0.030
2 spring return from right to centre			Centre position	<b>ZB6 AGL</b>	0.030	
3 - stay put			Left-hand position	<b>ZB6 AGD</b>	0.030	
			Centre position	<b>ZB6 AGE (2)</b>	0.030	
			LH and Centre positions	<b>ZB6 AGF</b>	0.030	
			RH position	<b>ZB6 AGG</b>	0.030	
			All positions	<b>ZB6 AGH (2)</b>	0.030	
			RH and LH positions	<b>ZB6 AGJ</b>	0.030	
			RH and Centre positions	<b>ZB6 AGK</b>	0.030	
		3 spring return from left to centre		RH position	<b>ZB6 AGM</b>	0.030
			Centre position	<b>ZB6 AGN</b>	0.030	
			RH and Centre positions	<b>ZB6 AGP</b>	0.030	
3 spring return from right to centre			Left-hand position	<b>ZB6 AGQ</b>	0.030	
			Centre position	<b>ZB6 AGR</b>	0.030	
			LH and Centre positions	<b>ZB6 AGS</b>	0.030	
3 spring return to centre			Centre position	<b>ZB6 AGT</b>	0.030	



ZB6 AG●



ZB6 DP2

## Heads + mounting base for potentiometer

Shape of head	Description	For use with	Reference	Weight kg
	For potentiometer with shaft length 5...8 mm (potentiometer not included)	Ø 6.35 mm shaft	<b>ZB6 DP2</b>	0.032

(1) To order a key switch with DOM 311 key, add the suffix **1** to the references selected above. Example: **ZB6 CGM1**.

(2) Also available with Ronis key numbers: 201, 202 and 203. To order, add the key number to the end of the reference. Example: for key switch **ZB6 AGB** with Ronis key n° 201, the reference becomes: **ZB6 AGB201**.



## Control and signalling units Ø 16

Harmony® style 6













Pushbuttons, switches and pilot lights with double insulated bezel

Component parts, ZB6







1

1.2

## Pushbutton caps - unmarked

For use with	Colour	Sold in lots of	Unit reference			Weight kg
			Head 	Head 	Head 	
 819670  819671  819672  ZB6 YDW● ZB6 YCW● ZB6 YAW●	Illuminated pushbuttons, with flush push		White	10	ZB6 YDW1 ZB6 YCW1 ZB6 YAW1	0.001
			Green	10	ZB6 YDW3 ZB6 YCW3 ZB6 YAW3	0.001
			Red	10	ZB6 YDW4 ZB6 YCW4 ZB6 YAW4	0.001
			Yellow	10	ZB6 YDW5 ZB6 YCW5 ZB6 YAW5	0.001
			Blue	10	ZB6 YDW6 ZB6 YCW6 ZB6 YAW6	0.001
			Orange	10	ZB6 YDW8 ZB6 YCW8 ZB6 YAW8	0.001
 819673  819674  819675  ZB6 YDE● ZB6 YCE● ZB6 YAE●	Illuminated pushbuttons, with projecting push		White	10	ZB6 YDE1 ZB6 YCE1 ZB6 YAE1	0.001
			Green	10	ZB6 YDE3 ZB6 YCE3 ZB6 YAE3	0.001
			Red	10	ZB6 YDE4 ZB6 YCE4 ZB6 YAE4	0.001
			Yellow	10	ZB6 YDE5 ZB6 YCE5 ZB6 YAE5	0.001
			Blue	10	ZB6 YDE6 ZB6 YCE6 ZB6 YAE6	0.001
			Orange	10	ZB6 YDE8 ZB6 YCE8 ZB6 YAE8	0.001
 819676  819677  819678  ZB6 YDA● ZB6 YCA● ZB6 YAA●	Non illuminated pushbuttons		White	10	ZB6 YDA1 ZB6 YCA1 ZB6 YAA1	0.001
			Black	10	ZB6 YDA2 ZB6 YCA2 ZB6 YAA2	0.001
			Green	10	ZB6 YDA3 ZB6 YCA3 ZB6 YAA3	0.001
			Red	10	ZB6 YDA4 ZB6 YCA4 ZB6 YAA4	0.001
			Yellow	10	ZB6 YDA5 ZB6 YCA5 ZB6 YAA5	0.001
			Blue	10	ZB6 YDA6 ZB6 YCA6 ZB6 YAA6	0.001

## Lens caps - unmarked

For use with	Colour	Sold in lots of	Unit reference			Weight kg
			Head 	Head 	Head 	
 819661  819662  819663  ZB6 YDV● ZB6 YCV● ZB6 YAV●	Pilot lights		White	10	ZB6 YDV1 ZB6 YCV1 ZB6 YAV1	0.001
			Green	10	ZB6 YDV3 ZB6 YCV3 ZB6 YAV3	0.001
			Red	10	ZB6 YDV4 ZB6 YCV4 ZB6 YAV4	0.001
			Yellow	10	ZB6 YDV5 ZB6 YCV5 ZB6 YAV5	0.001
			Blue	10	ZB6 YDV6 ZB6 YCV6 ZB6 YAV6	0.001
			Orange	10	ZB6 YDV8 ZB6 YCV8 ZB6 YAV8	0.001



ZB6 YD●10



ZB6 YC●10



ZB6 YA●10

## Pushbutton caps - marked

Marking	Colour	Sold in lots of	Unit reference			Weight kg
White on coloured cap Black on white cap			Head	Head	Head	
For non illuminated pushbuttons						
0	White	10	ZB6 YD100	ZB6 YC100	ZB6 YA100	0.001
	Black	10	ZB6 YD200	ZB6 YC200	ZB6 YA200	0.001
1	White	10	ZB6 YD101	ZB6 YC101	ZB6 YA101	0.001
	Black	10	ZB6 YD201	ZB6 YC201	ZB6 YA201	0.001
2	White	10	ZB6 YD102	ZB6 YC102	ZB6 YA102	0.001
	Black	10	ZB6 YD202	ZB6 YC202	ZB6 YA202	0.001
3	White	10	ZB6 YD103	ZB6 YC103	ZB6 YA103	0.001
	Black	10	ZB6 YD203	ZB6 YC203	ZB6 YA203	0.001
4	White	10	ZB6 YD104	ZB6 YC104	ZB6 YA104	0.001
	Black	10	ZB6 YD204	ZB6 YC204	ZB6 YA204	0.001
5	White	10	ZB6 YD105	ZB6 YC105	ZB6 YA105	0.001
	Black	10	ZB6 YD205	ZB6 YC205	ZB6 YA205	0.001
6	White	10	ZB6 YD106	ZB6 YC106	ZB6 YA106	0.001
	Black	10	ZB6 YD206	ZB6 YC206	ZB6 YA206	0.001
7	White	10	ZB6 YD107	ZB6 YC107	ZB6 YA107	0.001
	Black	10	ZB6 YD207	ZB6 YC207	ZB6 YA207	0.001
8	White	10	ZB6 YD108	ZB6 YC108	ZB6 YA108	0.001
	Black	10	ZB6 YD208	ZB6 YC208	ZB6 YA208	0.001
9	White	10	ZB6 YD109	ZB6 YC109	ZB6 YA109	0.001
	Black	10	ZB6 YD209	ZB6 YC209	ZB6 YA209	0.001
I	White	10	ZB6 YD111	ZB6 YC111	ZB6 YA111	0.001
	Green	10	ZB6 YD311	ZB6 YC311	ZB6 YA311	0.001
O	Black	10	ZB6 YD210	ZB6 YC210	ZB6 YA210	0.001
	Red	10	ZB6 YD410	ZB6 YC410	ZB6 YA410	0.001

1

1.2



ZB6 YD16






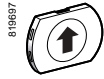
ZB6 YC17



ZB6 YA18

## Pushbutton caps - marked (continued)

Marking	Colour	Sold in lots of	Unit reference			Weight kg
White on coloured cap Black on white cap			Head 	Head 	Head 	
<b>For non illuminated pushbuttons</b>						
II	White	5	ZB6 YD112	ZB6 YC112	ZB6 YA112	0.001
	Black	5	ZB6 YD212	ZB6 YC212	ZB6 YA212	0.001
III	White	5	ZB6 YD113	ZB6 YC113	ZB6 YA113	0.001
	Black	5	ZB6 YD213	ZB6 YC213	ZB6 YA213	0.001
+	White	5	ZB6 YD114	ZB6 YC114	ZB6 YA114	0.001
	Black	5	ZB6 YD214	ZB6 YC214	ZB6 YA214	0.001
-	White	5	ZB6 YD115	ZB6 YC115	ZB6 YA115	0.001
	Black	5	ZB6 YD215	ZB6 YC215	ZB6 YA215	0.001
MARCHE	White	5	ZB6 YD116	ZB6 YC116	ZB6 YA116	0.001
	Green	5	ZB6 YD316	ZB6 YC316	ZB6 YA316	0.001
ON	White	5	ZB6 YD117	ZB6 YC117	ZB6 YA117	0.001
	Green	5	ZB6 YD317	ZB6 YC317	ZB6 YA317	0.001
START	Green	5	ZB6 YD340	ZB6 YC340	ZB6 YA340	0.001
EIN	White	5	ZB6 YD118	ZB6 YC118	ZB6 YA118	0.001
	Green	5	ZB6 YD318	ZB6 YC318	ZB6 YA318	0.001
ARRET	Black	5	ZB6 YD223	ZB6 YC223	ZB6 YA223	0.001
	Red	5	ZB6 YD423	ZB6 YC423	ZB6 YA423	0.001
STOP	Red	5	ZB6 YD441	ZB6 YC441	ZB6 YA441	0.001
OFF	Black	5	ZB6 YD224	ZB6 YC224	ZB6 YA224	0.001
	Red	5	ZB6 YD424	ZB6 YC424	ZB6 YA424	0.001
AUS	Black	5	ZB6 YD225	ZB6 YC225	ZB6 YA225	0.001
	Red	5	ZB6 YD425	ZB6 YC425	ZB6 YA425	0.001
R	Blue	5	ZB6 YD626	ZB6 YC626	ZB6 YA626	0.001
MONTEE	White	5	ZB6 YD129	ZB6 YC129	ZB6 YA129	0.001
	Black	5	ZB6 YD229	ZB6 YC229	ZB6 YA229	0.001



ZB6 YD●19



ZB6 YC●19



ZB6 YA●19

## Pushbutton caps - marked (continued)

Marking	Colour	Sold in lots of	Unit reference			Weight kg
White on coloured cap Black on white cap			Head	Head	Head	
For non illuminated pushbuttons						
UP	White	5	ZB6 YD127	ZB6 YC127	ZB6 YA127	0.001
	Black	5	ZB6 YD227	ZB6 YC227	ZB6 YA227	0.001
DESCENTE	White	5	ZB6 YD130	ZB6 YC130	ZB6 YA130	0.001
	Black	5	ZB6 YD230	ZB6 YC230	ZB6 YA230	0.001
DOWN	White	5	ZB6 YD128	ZB6 YC128	ZB6 YA128	0.001
	Black	5	ZB6 YD228	ZB6 YC228	ZB6 YA228	0.001
AB	White	5	ZB6 YD134	ZB6 YC134	ZB6 YA134	0.001
	Black	5	ZB6 YD234	ZB6 YC234	ZB6 YA234	0.001
FERME	White	5	ZB6 YD133	ZB6 YC133	ZB6 YA133	0.001
	Black	5	ZB6 YD233	ZB6 YC233	ZB6 YA233	0.001
CLOSE	White	5	ZB6 YD132	ZB6 YC132	ZB6 YA132	0.001
	Black	5	ZB6 YD232	ZB6 YC232	ZB6 YA232	0.001
ZU	White	5	ZB6 YD131	ZB6 YC131	ZB6 YA131	0.001
	Black	5	ZB6 YD231	ZB6 YC231	ZB6 YA231	0.001
↑	White	5	ZB6 YD119	ZB6 YC119	ZB6 YA119	0.001
	Black	5	ZB6 YD219	ZB6 YC219	ZB6 YA219	0.001
↓	White	5	ZB6 YD120	ZB6 YC120	ZB6 YA120	0.001
	Black	5	ZB6 YD220	ZB6 YC220	ZB6 YA220	0.001
→	White	5	ZB6 YD121	ZB6 YC121	ZB6 YA121	0.001
	Black	5	ZB6 YD221	ZB6 YC221	ZB6 YA221	0.001
←	White	5	ZB6 YD122	ZB6 YC122	ZB6 YA122	0.001
	Black	5	ZB6 YD222	ZB6 YC222	ZB6 YA222	0.001

## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Component parts, spare parts and accessories, ZB6

1

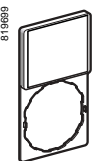


ZB6 YK●

1.2



ZB6 YD20



ZB6 YD30●



ZB6 Y1001



ZB6 Y3001

## Handles

Description	Colour	Sold in lots of	Unit reference	Weight kg
<b>Component parts</b>				
Handles for illuminated selector switches (1)	White	5	ZB6 YK1	0.002
	Green	5	ZB6 YK3	0.002
	Red	5	ZB6 YK4	0.002
	Yellow	5	ZB6 YK5	0.002
	Blue	5	ZB6 YK6	0.002
	Orange	5	ZB6 YK8	0.002

## Replacement parts

Handles for non illuminated selector switches	Black	1	ZB6 YD2	0.002
	Red	1	ZB6 YD4	0.002

## Legend holder 24 x 48 mm (size 1) for 8 x 21 mm legend (2)

Description	Legend plate colour	Sold in lots of	Unit reference	Weight kg
Without legend	–	10	ZB6 YD20	0.001
With blank legend	White or yellow background	10	ZB6 YD21	0.001
	Black or red background	10	ZB6 YD22	0.001

## Legend holder 24 x 36 mm (size 2) for 16 x 21 mm legend (2)

Description	Legend plate colour	Sold in lots of	Unit reference	Weight kg
Without legend	–	10	ZB6 YD30	0.001
With blank legend	White or yellow background	10	ZB6 YD31	0.001
	Black or red background	10	ZB6 YD32	0.001

## Blank legends

Dimensions	For use with	Colour	Sold in lots of	Unit reference	Weight kg
8 x 21 mm	Size 1 legend holder ZB6 YD20	Yellow or white background	20	ZB6 Y1001	0.001
		Black or red background	20	ZB6 Y2001	0.001
16 x 21 mm	Size 2 legend holder ZB6 YD30	Yellow or white background	20	ZB6 Y4001	0.001
		Black or red background	20	ZB6 Y3001	0.001

## Legends for engraving (3)

Dimensions	For use with	Colour	Sold in lots of	Unit reference	Weight kg
8 x 21 mm	Size 1 legend holder ZB6 YD20	Yellow or white background	10	ZB6 Y1900	0.001
		Black or red background	10	ZB6 Y2900	0.001
16 x 21 mm	Size 2 legend holder ZB6 YD30	Yellow or white background	10	ZB6 Y4900	0.001
		Black or red background	10	ZB6 Y3900	0.001

(1) Handle for use in conjunction with a head without a handle (see page 1/23) and a body sub-assembly for illuminated pushbuttons (see page 1/18).

(2) For legends, see below and also following page.

(3) Pre-engraved legends. When ordering, clearly state the background colour, text to be engraved (either 1 line for 8 x 21 mm or 2 lines for 16 x 21 mm legends - in both cases, 10 characters max. per line) and the quantity. Minimum quantity: 25 identical legends.

## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Accessories, ZB6

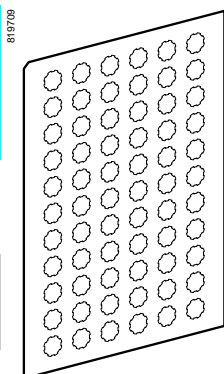
## 8 x 21 mm marked legends (for "size 1" 24 x 28 mm legend holders ZB6 YD20)

Colour	Marking		Sold in lots of	Unit reference	Weight kg
Black or red background (1)	International	O-I	5	ZB6 Y2178	0.001
		I-II	5	ZB6 Y2179	0.001
		I-O-II	5	ZB6 Y2186	0.001
		← O →	5	ZB6 Y2190	0.001
	French	ARRET	5	ZB6 Y2104	0.001
		ARRIERE	5	ZB6 Y2106	0.001
		AVANT	5	ZB6 Y2105	0.001
		DEFAULT	5	ZB6 Y2134	0.001
		DESCENTE	5	ZB6 Y2108	0.001
		DROITE	5	ZB6 Y2109	0.001
		EN SERVICE	5	ZB6 Y2111	0.001
		FERME	5	ZB6 Y2114	0.001
		GAUCHE	5	ZB6 Y2110	0.001
		HORS SERVICE	5	ZB6 Y2112	0.001
		OUVERT	5	ZB6 Y2113	0.001
		MAIN-O-AUTO	5	ZB6 Y2187	0.001
		MARCHE	5	ZB6 Y2103	0.001
		MONTEE	5	ZB6 Y2107	0.001
		REARMEMENT	5	ZB6 Y2123	0.001
	English	HAND-O-AUTO	5	ZB6 Y2387	0.001
		CLOSE	5	ZB6 Y2314	0.001
		DOWN	5	ZB6 Y2308	0.001
		FORWARD	5	ZB6 Y2305	0.001
		FAULT	5	ZB6 Y2334	0.001
		LEFT	5	ZB6 Y2310	0.001
		OFF	5	ZB6 Y2312	0.001
		ON	5	ZB6 Y2303	0.001
		OPEN	5	ZB6 Y2313	0.001
		RESET	5	ZB6 Y2323	0.001
		REVERSE	5	ZB6 Y2306	0.001
		RIGHT	5	ZB6 Y2309	0.001
		RUN	5	ZB6 Y2311	0.001
		STOP	5	ZB6 Y2304	0.001
		UP	5	ZB6 Y2307	0.001
	German	AB	5	ZB6 Y2208	0.001
		AUF	5	ZB6 Y2207	0.001
		AUS	5	ZB6 Y2212	0.001
		BETRIEB	5	ZB6 Y2211	0.001
		EIN	5	ZB6 Y2203	0.001
		HALT	5	ZB6 Y2204	0.001
		HAND-O-AUTO	5	ZB6 Y2287	0.001
		LINKS	5	ZB6 Y2210	0.001
		ÖFFNEN	5	ZB6 Y2213	0.001
		RECHTS	5	ZB6 Y2209	0.001
		RÜCKSTELLUNG	5	ZB6 Y2223	0.001
		SCHLIESSEN	5	ZB6 Y2214	0.001
		STÖRUNG	5	ZB6 Y2234	0.001
		VOR	5	ZB6 Y2205	0.001
		ZURÜCK	5	ZB6 Y2206	0.001
	Spanish	ADELANTE	5	ZB6 Y2405	0.001
		APERTURA	5	ZB6 Y2413	0.001
		ATRAS	5	ZB6 Y2406	0.001
		BAJADA	5	ZB6 Y2408	0.001
		CIERRE	5	ZB6 Y2414	0.001
		DEFECTO	5	ZB6 Y2434	0.001
		DERECHA	5	ZB6 Y2409	0.001
		EN SERVICIO	5	ZB6 Y2411	0.001
		FUERA SERV.	5	ZB6 Y2412	0.001
		IZQUIERDA	5	ZB6 Y2410	0.001
		MARCHA	5	ZB6 Y2403	0.001
		PARADA	5	ZB6 Y2404	0.001
		REARME	5	ZB6 Y2423	0.001
		SUBIDA	5	ZB6 Y2405	0.001

(1) "Start" functions: white letters on black background. "Stop" and "Fault" functions: white letters on red background.

1

1.2



ZB6 YA003



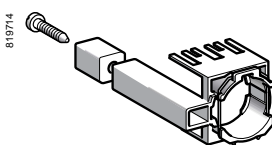
XBY 2U



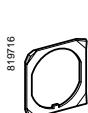
ZB6 Y7330



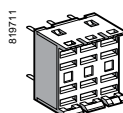
ZB6 Y009



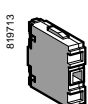
ZB6 Y011



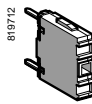
ZB6 Y003



ZB6 Y010



ZB6 Y006



ZB6 Y006A

## Sheets of peel-off legends

Description	For use with	Sold in lots of	Unit reference	Weight kg
Sheets of 66 circular peel-off transparent self-adhesive legends	Rectangular pilot lights	10	ZB6 YD003	0.030
	Square pilot lights	10	ZB6 YC003	0.030
	Circular pilot lights	10	ZB6 YA003	0.030
	Rectangular illuminated pushbuttons	10	ZB6 YD013	0.030
	Square illuminated pushbuttons	10	ZB6 YC013	0.030
	Circular illuminated pushbuttons	10	ZB6 YA013	0.030

## "SIS Label" labelling software

Application	Reference	Weight kg
Legend design for English, French, German, Italian, Spanish	XBY 2U	0.100

## Circular legends for Emergency stop mushroom head pushbuttons (yellow)

Diameter mm	Marking on yellow background	Reference	Weight kg
45	Without	ZB6 Y7001	0.001
	ARRET D'URGENCE	ZB6 Y7130	0.001
	EMERGENCY STOP	ZB6 Y7330	0.001
	PARADA EMERGENCIA	ZB6 Y7430	0.001
	ARRESTO EMERGENZA	ZB6 Y7630	0.001
	NOT-AUS	ZB6 Y7230	0.001

## Accessories

Description	Application	Sold in lots of	Unit reference	Weight kg
Body/fixing collar	For mounting contact blocks	10	ZB6 Y009	0.002
Body bracket (fixing screws included)	Printed circuit board mounting	4	ZB6 Y011	0.010
Anti-rotation plate	Selector switches	10	ZB6 Y003	0.001
Nut	Securing head on support	10	ZB6 Y002	0.001
Plug-in socket adaptor	Printed circuit board mounting	10	ZB6 Y010	0.004
Dummy contact block housing (without contacts)	Printed circuit board mounting	Without pins for printed circuit	ZB6 Y006	0.001
		With pins for printed circuit	ZB6 Y006A	0.001

## Accessories (continued)

Description	Application	Sold in lots of	Unit reference	Weight kg
<b>Dismantling tool</b>	Removal of contact blocks from body/fixing collar	5	<b>ZB6 Y018</b>	0.005
<b>Extractor</b>	Removal of pushbutton caps	5	<b>ZB6 Y016</b>	0.010
<b>Bezel tightening tool + bulb extractor</b>	Tightening and slackening the bezel and changing bulbs	2	<b>ZB6 Y905</b>	0.006
<b>Metal assembly tool</b>	Tightening of fixing nut	1	<b>ZB6 Y906</b>	0.022
<b>Dismantling tool kit, comprising 3 tools</b>	Removal of contacts, fixing nuts and pushbutton caps	1	<b>ZB6 Y019</b>	0.030
<b>Connecting cable with 2 pin connector (5 mm pitch) and 2 pin Faston connector</b> Length: 50 mm Wire c.s.a.: 0.75 mm <sup>2</sup>	Ø 16 units	8	<b>APE 1C1250</b>	0.130
<b>Adaptors for flush mounting</b>	For flush mounting a circular pushbutton, switch or pilot light in a Ø 22 hole	10	<b>ZB6 YA002</b>	0.030
	For flush mounting a square pushbutton, switch or pilot light in a 21 x 21 square hole	5	<b>ZB6 YC002</b>	0.032
	For flush mounting a rectangular pushbutton, switch or pilot light in a 21 x 27 rectangular hole	5	<b>ZB6 YD002</b>	0.032
<b>Protective cover</b>	Protection of contacts against direct finger contact	10	<b>ZB6 Y001</b>	0.005
<b>Protective shutters</b>	Circular and square pushbuttons and switches	1	<b>ZB6 YA001</b>	0.003
	Rectangular pushbuttons and switches	1	<b>ZB6 YD001</b>	0.003
<b>Adaptor for XAL control station (Ø 22 to Ø 16 reducer)</b>	Ø 16 circular, square or rectangular units	5	<b>ZB6 Y020</b>	0.038
<b>Female Faston connector</b>	—	100	<b>ZB6 Y004</b>	0.002
<b>Blanking plug</b>	—	10	<b>ZB6 Y005</b>	0.001
<b>Ronis key</b>	Key switches	2	<b>ZB6 Y007</b>	0.006
<b>DOM 311 key</b>	Key switches	2	<b>ZB6 Y008</b>	0.006
<b>Incandescent bulbs, bayonet T1 1/4</b>	6 V	6	<b>ZB6 YA006</b>	0.002
	12 V	10	<b>ZB6 YJ012</b>	0.002
	24 V (1)	20	<b>ZB6 YB028</b>	0.002
<b>Neon bulbs</b>	110/230V (2)	5	<b>ZB6 YG095</b>	0.002
<b>Link</b>	Operation of 3rd contact	10	<b>ZB6 Y017</b>	0.002

## AS-Interface module S7.F profile



Description	Indicator "on" signalling mode	Reference	Weight kg
<b>Panel fixing, in conjunction with a Harmony pushbutton or switch</b>			
<b>Interface 4 inputs/ 4 outputs</b> Inputs for digital contacts Outputs for indicators	Steady	<b>XBZ S43</b>	0.185
	Steady or flashing depending on parameter settings	<b>XBZ S44</b>	0.185
<b>Bracket for use when mounting on DIN rail</b>	—	<b>ZBZ S6</b>	0.085

(1) 28 V bulb supplied for use on 24 V.

(2) 95 V bulb supplied for use on 110/230 V.



1

1.2

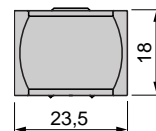
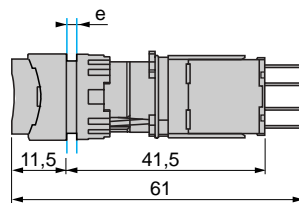
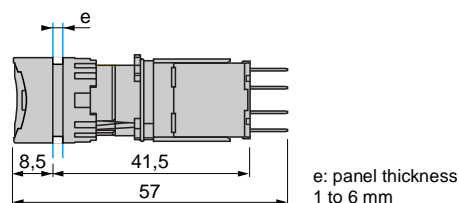
#### Pushbuttons (illuminated and non illuminated)

##### Rectangular head

XB6 DW●●●●, DF●●●●, DA●●●●

XB6 DE●●●●

Common face view

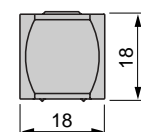
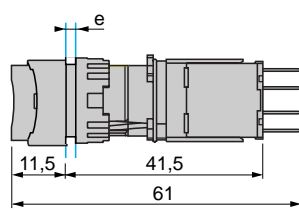
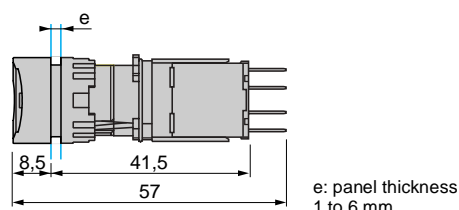


##### Square head

XB6 CW●●●●, CF●●●●, CA●●●●

XB6 CE●●●●

Common face view

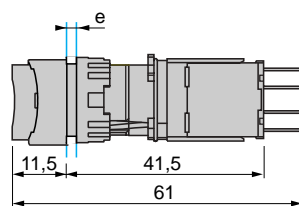
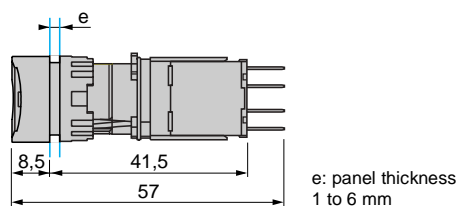


##### Circular head

XB6 AW●●●●, AF●●●●, AA●●●●

XB6 AE●●●●

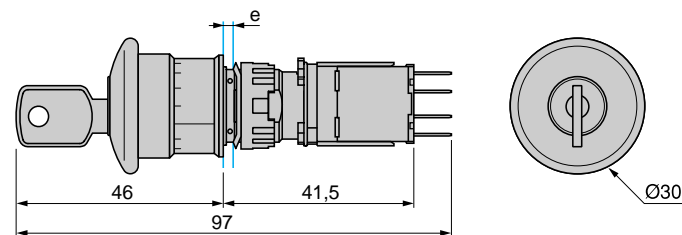
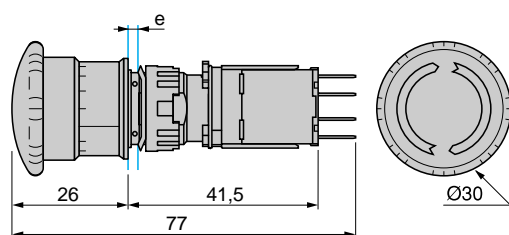
Common face view



#### Mushroom head pushbuttons

XB6 AS8349B

XB6 AS9349B



#### Pilot lights

##### Common side view

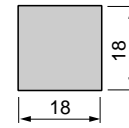
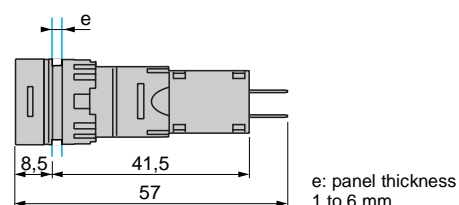
XB6 DV●●●, XB6 CV●●●

##### Rectangular head

XB6 DV●●●

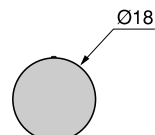
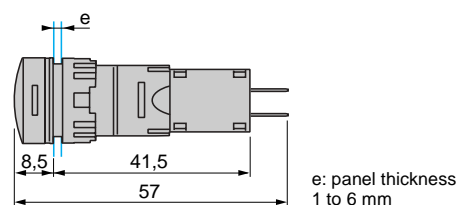
##### Square head

XB6 CV●●●



##### Circular head

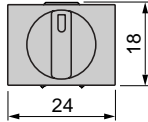
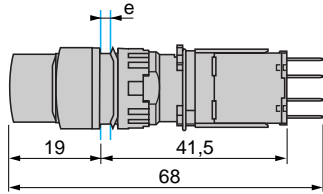
XB6 AV●●●



## Selector switches, standard handle

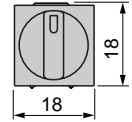
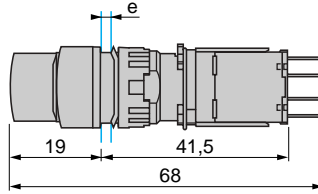
### Rectangular head

XB6 DD●●●●



### Square head

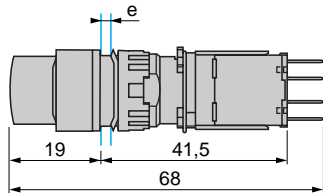
XB6 CD●●●●



e: panel thickness 1 to 6 mm

## Circular head

XB6 AD●●●●

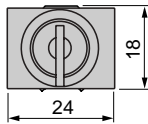
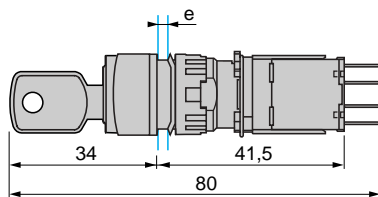


e: panel thickness 1 to 6 mm

## Key switches

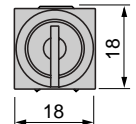
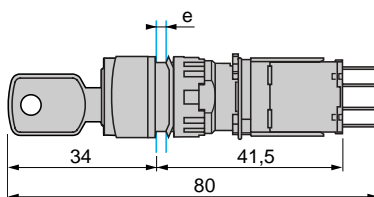
### Rectangular head

XB6 DG●●●●



### Square head

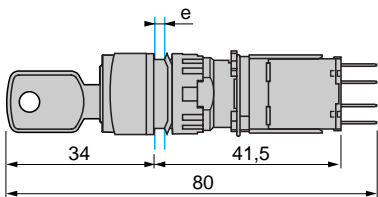
XB6 CG●●●●



e: panel thickness 1 to 6 mm

## Circular head

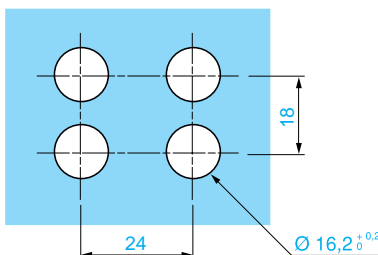
XB6 AG●●●●



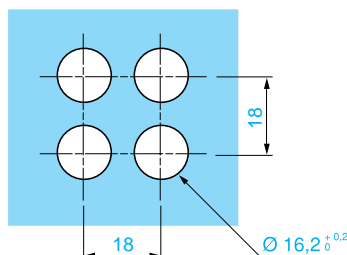
e: panel thickness 1 to 6 mm

## Panel cut-out and mounting

### For rectangular head



### For square or circular head



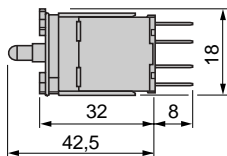
1

1.2

## Pushbuttons

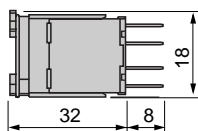
### Bodies for illuminated pushbuttons

ZB6 Z●●●B



### Bodies for non illuminated pushbuttons

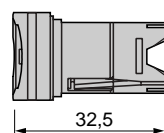
ZB6 Z●B



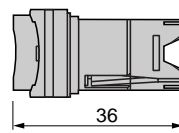
### Heads for illuminated and non illuminated pushbuttons

#### Rectangular

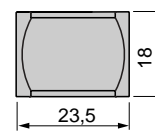
ZB6 DW●●, DF●, DA●



ZB6 DE●

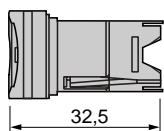


Common face view

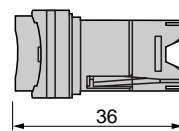


#### Square

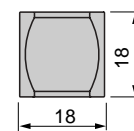
ZB6 CW●●, CF●, CA●



ZB6 CE●

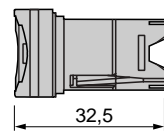


Common face view

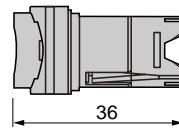


#### Circular

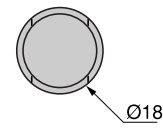
ZB6 AW●●, AF●, AA●



ZB6 AE●



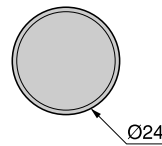
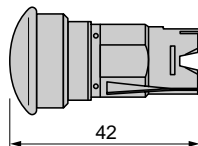
Common face view



### Heads for mushroom head pushbuttons

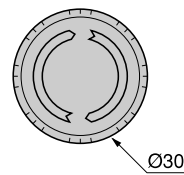
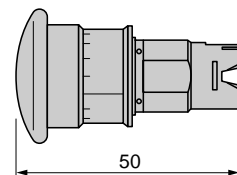
#### Spring return

ZB6 AC●

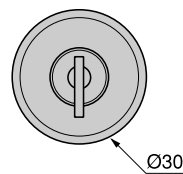
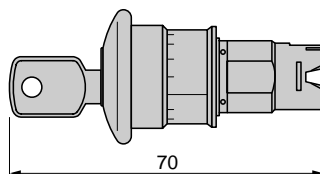


#### Trigger action

ZB6 AS834



ZB6 AS934



## Pilot lights

## Bodies

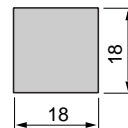
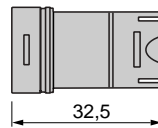
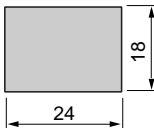
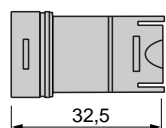
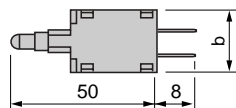
ZB6 EB●●

## Rectangular head

ZB6 DV●

## Square head

ZB6 CV●



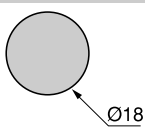
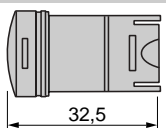
b

ZB6 EB●B 13.5

ZB6 EB●A 15.5

## Circular head

ZB6 AV●



## Selector switches, standard handle

## Bodies

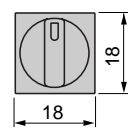
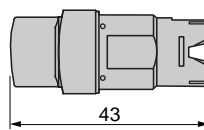
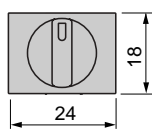
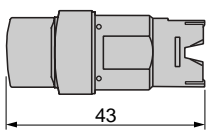
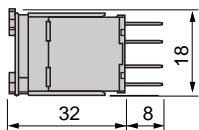
ZB6 Z●B

## Rectangular head

ZB6 DD●●

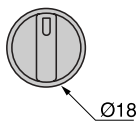
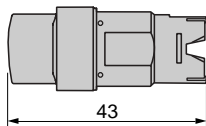
## Square head

ZB6 CD●●



## Circular head

ZB6 AD●●



## Key switches

## Bodies

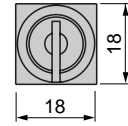
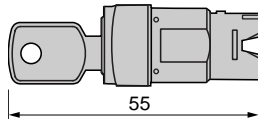
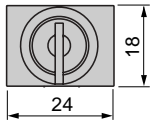
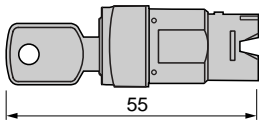
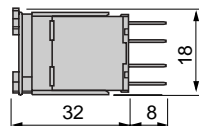
ZB6 Z●B

## Rectangular head

ZB6 DG●

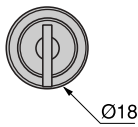
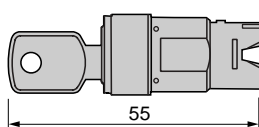
## Square head

ZB6 CG●



## Circular head

ZB6 AG●

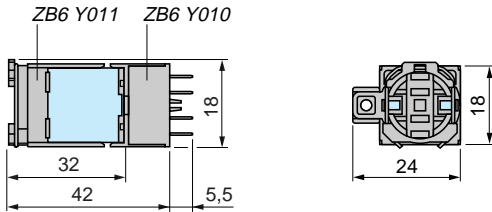


1

1.2

#### Plug-in socket adaptor for printed circuit board mounting and body bracket

ZB6 Y010 + ZB6 Y011



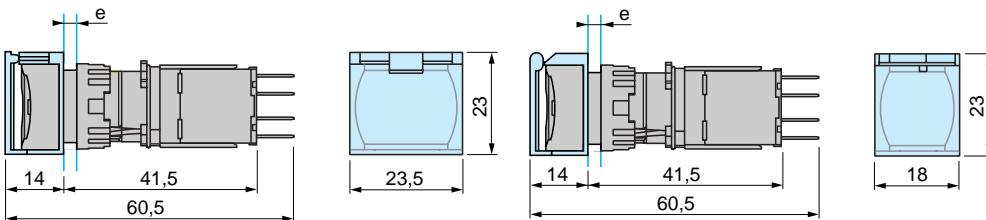
#### Protective shutter

For rectangular head

ZB6 YD001

For square or circular head

ZB6 YA001

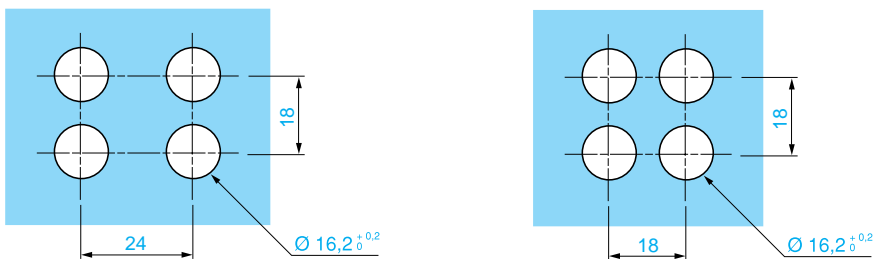


e: panel thickness 1 to 6 mm

#### Panel cut-out and mounting

Rectangular head

Square or circular head



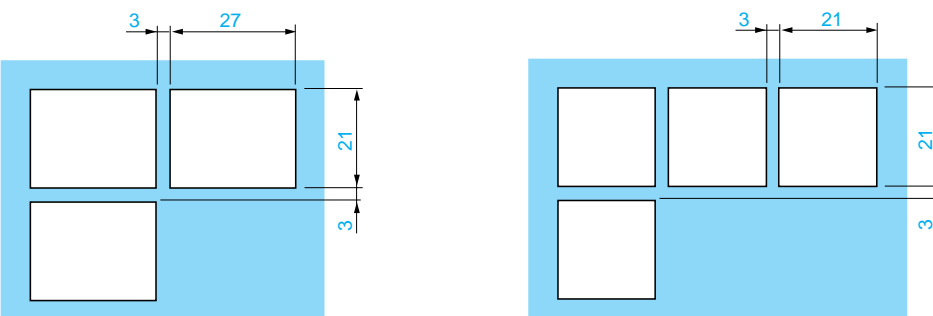
#### With flush mounting kit

For rectangular head

ZB6 YD002

For square head

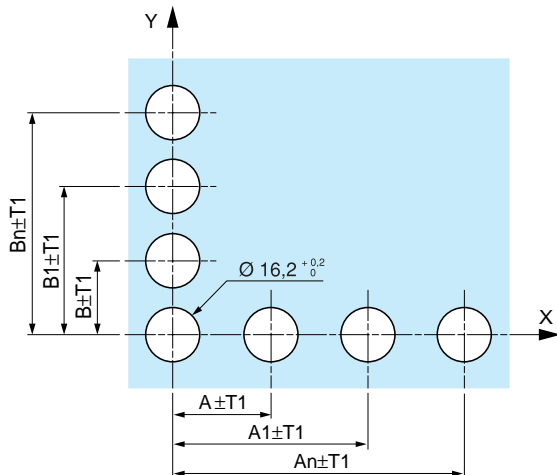
ZB6 YC002



## Pushbuttons, switches and pilot lights for printed circuit board connection

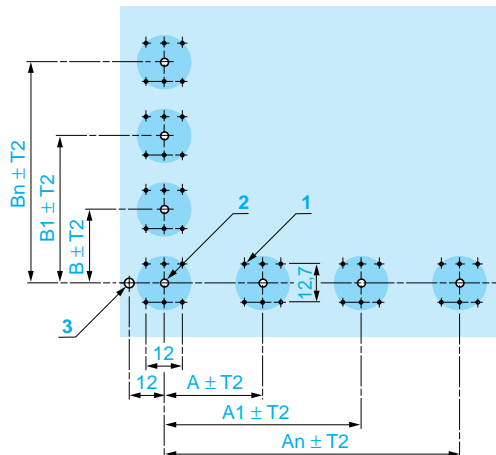
Front panel cut-out (viewed from installer's side)

Dimensions in mm



## Printed circuit board drillings (viewed from electrical block side) (1)

Dimensions in mm



A: 24 minimum for rectangular heads  
18 minimum for square or circular heads

B:: 18 minimum

1 6 x Ø 1,1 mm holes.

2 1 x Ø 2,6  $\pm 0,2$  hole for locating pin, only when using socket adaptor ZB6 Y010.

3 1 x Ø 3,2  $\pm 0,2$  hole for fixing of printed circuit board onto the front panel using body bracket ZB6 Y011.

This hole must be drilled on the left-hand side, when heads are positioned at the normal angle.

Fit a body bracket ZB6 Y011 every 72 mm maximum for cut-outs on 24 mm centres (rectangular heads) and 54 mm maximum for cut-outs on 18 mm centres (square or circular heads).

## General tolerances of the panel and printed circuit board: T1, T2

The cumulative tolerance must not exceed 0.3 mm: **T1 + T2 = 0.3 mm maximum.**

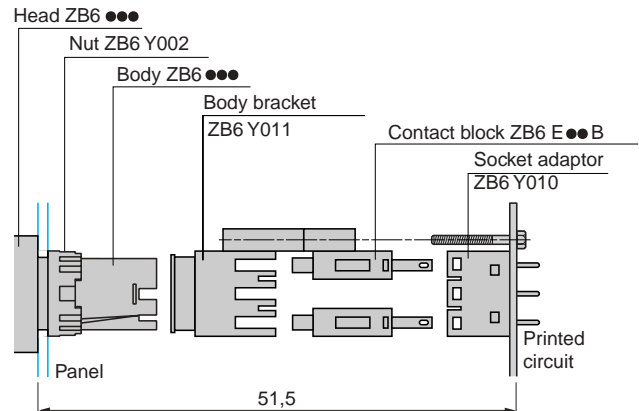
## Installation precautions:

Thickness of printed circuit board: 1.6 mm minimum.

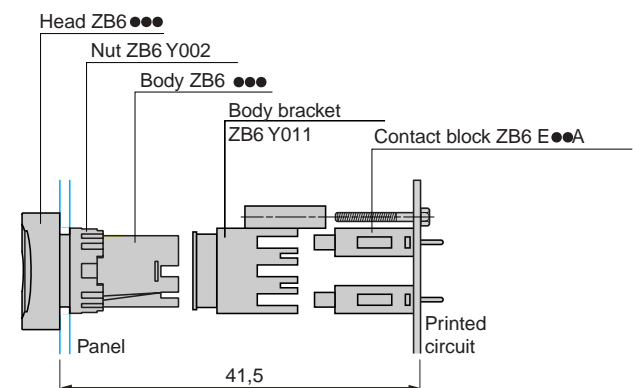
(1) The cut-out dimensions are the same for direct mounting and for mounting using socket adaptor ZB6 Y010.

## Mounting with body bracket

With socket adaptor ZB6 Y010



## Direct mounting without socket adaptor ZB6 Y010



# Order form

(specimen suitable for photocopying)

## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Legends with special markings, ZB6 (sold in lots of 10)

1

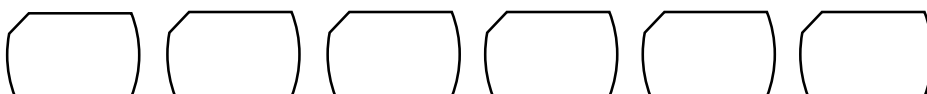
<b>Customer</b>			<b>Schneider Electric</b>	
Company	Order N°	Delivery	Sales Office - Subsidiary Company	Order N°
<b>Lot reference of legends with special marking</b>			<b>Total number of legends</b>	<b>Total price</b>
ZB6 ACD3S				

1.2

### Legends for illuminated pushbuttons

#### Rectangular shape

TOTAL

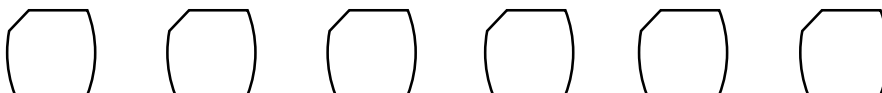


Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

#### Square shape

TOTAL



Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

#### Circular shape

TOTAL



Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

### Legends for pilot lights

#### Rectangular shape

TOTAL



Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

#### Square shape

TOTAL

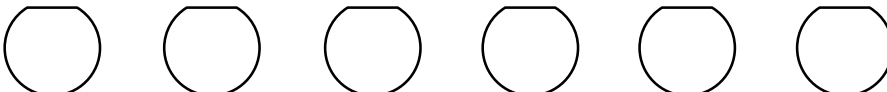


Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

#### Circular shape

TOTAL



Number of lots:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

## Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights with double insulated bezel

Legends with special markings, ZB6 (sold in lots of 10)

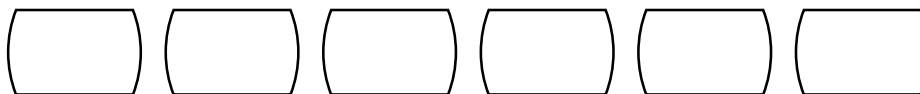
Customer			Schneider Electric	
Company	Order N°	Delivery	Sales Office - Subsidiary Company	Order N°

Lot reference of pushbutton caps with special marking	Total no. of pushbutton caps	Total price
ZB6 YACDS		

## Pushbutton caps

## Rectangular shape

TOTAL



Colour (1)

Number of lots:

## Square shape

TOTAL



Colour (1)

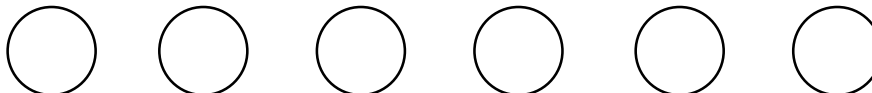
     

Number of lots:

## Circular shape

TOTAL



Colour (1)

Number of lots:

(1) Indicate, in each box, the number corresponding to the colour of the required pushbutton cap:

White: 1

Black: 2

Green: 3

Red: 4

Yellow: 5

Blue: 6