

Control and signalling units Ø 16



Harmony® style 6
Pushbuttons, switches and pilot lights, with double insulated bezel
Sub-assemblies, ZB6 : bodies

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References

To combine with heads : see pages 10 to 15

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

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





ZB6-ZB●●B



ZB6-ZH●●B

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

Nature of supply	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
		2	-			ZB6-Z3B	0.006
				-	2		ZB6-Z4B
		1	1		ZB6-Z5B	0.006	



ZB6-Z●B

(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 13), and a transparent handle (see page 20).
(2) The colour of the LED must be the same as that of the pushbutton cap.
(3) Bulb to be ordered separately (see page 21).

Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights, with double insulated bezel
Sub-assemblies, ZB6 : bodies

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with heads : see pages 10 to 15

Complete bodies for pilot lights (light source) [Sold in lots of 5](#)

Description	Supply voltage	Colour of light source	Unit reference	Weight
	V			kg



ZB6-EB0B

Faston connectors (direct mounting by the head)

Integral LED (1)	≈ 12...24	White	ZB6-EB1B (4)	0.003
		Green	ZB6-EB3B (4)	0.003
		Red	ZB6-EB4B (4)	0.003
		Yellow	ZB6-EB5B (4)	0.003
		Blue	ZB6-EB6B (4)	0.003
		Orange	ZB6-EB8B (4)	0.003
With resistor for 95 V neon bulb (not included) T1 1/4 (2)	≈ 110	–	ZB6-EG0B	0.003
Direct supply for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	≈ 230	–	ZB6-EM0B	0.003
	≈ ≤ 24	–	ZB6-EH0B	0.003



ZB6-E00B

Pins for printed circuit board connection (mounting by the body, see page 20)

Integral LED (1)	≈ 12...24	White	ZB6-EB1A (4)	0.003
		Green	ZB6-EB3A (4)	0.003
		Red	ZB6-EB4A (4)	0.003
		Yellow	ZB6-EB5A (4)	0.003
		Blue	ZB6-EB6A (4)	0.003
		Orange	ZB6-EB8A (4)	0.003
With resistor for 95 V neon bulb (not included) T1 1/4 (2) (3)	≈ 110	–	ZB6-EG0A	0.003
Direct supply for 0.6 W max. incandescent bulb (not included) T1 1/4 (2)	≈ 230	–	ZB6-EM0A	0.003
	≈ 3...24	–	ZB6-EH0A	0.003





ZB6-EB0A



ZB6-E00A

Separate contact blocks [Sold in lots of 10](#)

Contact material	For use with bodies	Type of contacts		Unit reference	Weight
					
		N/O	N/C		kg
Silver alloy	Faston connector	1	–	ZB6-E1B	0.004
		–	1	ZB6-E2B	0.004
	Pins for PCBs ZB6-Y011	1	–	ZB6-E1A	0.004
		–	1	ZB6-E2A	0.004
Gold flashed	Faston connector	1	–	ZB6-E1E	0.004
		–	1	ZB6-E2E	0.004
	Pins for PCBs ZB6-Y011	1	–	ZB6-E1D	0.004
		–	1	ZB6-E2D	0.004



ZB6-E00B



ZB6-E00A

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

(2) Bulb to be ordered separately (see page 21).

(3) Neon bulbs can only be used with red, yellow or white cap.

(4) Units for other supply voltages available from 1st quarter of 2000 :

- 110...120 V, change the reference as follows : ZB6-EB00 to ZB6-EG00.

Example : ZB6-EB1B becomes ZB6-EG1B

- 230...240 V, change the reference as follows : ZB6-EB00 to ZB6-EM00.

Example : ZB6-EB1B becomes ZB6-EM1B

Control and signalling units Ø 16

Harmony® style 6
Pushbuttons, switches and pilot lights, with double insulated bezel
Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

Heads for illuminated pushbuttons



ZB6-DW●

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
	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
	6 colours (1)		ZB6-DF9	0.016
	Without cap (2)		ZB6-DF0	0.016
	Projecting, spring return		White	ZB6-DE1
		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-DW0	0.016	
		Flush, spring return	White	ZB6-CW1
	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
		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
		6 colours (1)	ZB6-CF9	0.016
		Without cap (2)	ZB6-CF0	0.016
		Projecting, spring return	White	ZB6-CE1
	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-CW0		0.016	
	Flush, spring return		White	ZB6-AW1
		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
	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
	6 colours (1)		ZB6-AF9	0.016
	Without cap (2)		ZB6-AF0	0.016
	Projecting, spring return		White	ZB6-AE1
		Green	ZB6-AE3	0.016
Red		ZB6-AE4	0.016	
Yellow		ZB6-AE5	0.016	
Blue		ZB6-AE6	0.016	
Orange		ZB6-AE8	0.016	
6 colours (1)		ZB6-AE9	0.016	
Without cap (2)		ZB6-AW0	0.016	

(1) 6 separate different colour caps included with head (white, green, red, yellow, blue and orange).
(2) To order the pushbutton caps separately, see page 16.

Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights, with double insulated bezel

Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

Heads for pilot lights



ZB6-DV●



ZB6-CV●



ZB6-AV●

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



ZB6-DA●



ZB6-CA●



ZB6-AA●

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		
		6 colours (3)	ZB6-DA9	0.016		
		Without cap (2)	ZB6-DW0	0.016		
			Flush, spring return	White	ZB6-CA1	0.016
				Black	ZB6-CA2	0.016
				Green	ZB6-CA3	0.016
Red	ZB6-CA4			0.016		
Yellow	ZB6-CA5			0.016		
6 colours (3)	ZB6-CA9			0.016		
Without cap (2)	ZB6-CW0			0.016		
	Flush, spring return			White	ZB6-AA1	0.016
				Black	ZB6-AA2	0.016
				Green	ZB6-AA3	0.016
		Red	ZB6-AA4	0.016		
		Yellow	ZB6-AA5	0.016		
		6 colours (3)	ZB6-AA9	0.016		
		Without cap (2)	ZB6-AW0	0.016		

Ø 24 mushroom heads for pushbuttons



ZB6-AC●

Shape of head	Type of push	Colour of cap	Reference	Weight kg
	Spring return	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 pushbuttons



ZB6-AS834



ZB6-AS834

Shape of head	Type of push	Colour of cap	Reference	Weight kg
	Turn to release	Red	ZB6-AS834	0.035
	Key release (n° 200)	Red	ZB6-AS934	0.050

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

(2) To order the caps or lenses separately, see pages 16 to 19.

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

Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights, with double insulated bezel
Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

Heads for selector switches

Shape of head	Number and type of positions	Colour of handle	Reference	Weight kg
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Switching angle : stay put positions 60°, spring return positions 45°



ZB6-DD●●

	2 - stay put		Black	ZB6-DD22	0.018
			Red	ZB6-DD42	0.018
	3 - stay put		Black	ZB6-DD23	0.018
			Red	ZB6-DD43	0.018
	2 - spring return to centre		Black	ZB6-DD24	0.018
			Red	ZB6-DD44	0.018
	3 - spring return to centre		Black	ZB6-DD25	0.018
			Red	ZB6-DD45	0.018
	3 - spring return from right to centre		Black	ZB6-DD26	0.018
			Red	ZB6-DD46	0.018
	3 - spring return from left to centre		Black	ZB6-DD27	0.018
			Red	ZB6-DD47	0.018



ZB6-CD●●

	2 - stay put		Black	ZB6-CD22	0.018
			Red	ZB6-CD42	0.018
	3 - stay put		Black	ZB6-CD23	0.018
			Red	ZB6-CD43	0.018
	2 - spring return to centre		Black	ZB6-CD24	0.018
			Red	ZB6-CD44	0.018
	3 - spring return to centre		Black	ZB6-CD25	0.018
			Red	ZB6-CD45	0.018
	3 - spring return from right to centre		Black	ZB6-CD26	0.018
			Red	ZB6-CD46	0.018
	3 - spring return from left to centre		Black	ZB6-CD27	0.018
			Red	ZB6-CD47	0.018



ZB6-AD●●

	2 - stay put		Black	ZB6-AD22	0.018
			Red	ZB6-AD42	0.018
	3 - stay put		Black	ZB6-AD23	0.018
			Red	ZB6-AD43	0.018
	2 - spring return to centre		Black	ZB6-AD24	0.018
			Red	ZB6-AD44	0.018
	3 - spring return to centre		Black	ZB6-AD25	0.018
			Red	ZB6-AD45	0.018
	3 - spring return from right to centre		Black	ZB6-AD26	0.018
			Red	ZB6-AD46	0.018
	3 - spring return from left to centre		Black	ZB6-AD27	0.018
			Red	ZB6-AD47	0.018

Switching angle : stay put positions 90°

	2 - stay put		Black	ZB6-DD28	0.018
			Red	ZB6-DD48	0.018

	2 - stay put		Black	ZB6-CD28	0.018
			Red	ZB6-CD48	0.018

	2 - stay put		Black	ZB6-AD28	0.018
			Red	ZB6-AD48	0.018

Control and signalling units Ø 16

Harmony® style 6

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Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

Heads for illuminated selector switches, without handle (1) (Sold in lots of 5)

Shape of head	Number and type of positions	Unit reference	Weight kg
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Switching angle : stay put positions 60°, spring return positions 45°



ZB6-DD00●

	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



ZB6-CD00●

	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



ZB6-AD00●

	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 20), for bodies with 2 contact blocks maximum.

Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights, with double insulated bezel
































Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

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		Right-hand position	ZB6-DGA 0.030
			Centre position	ZB6-DGB (2) 0.030
			Both positions	ZB6-DGC (2) 0.030
	2 - spring return		Centre position	ZB6-DGL 0.030
	3 - stay put		LH position	ZB6-DGD 0.030
			Centre position	ZB6-DGE (2) 0.030
			LH and Centre positions	ZB6-DGF 0.030
			RH position	ZB6-DGG 0.030
			All 3 positions	ZB6-DGH (2) 0.030
			RH and LH positions	ZB6-DGJ 0.030
			RH and Centre positions	ZB6-DGK 0.030
	3 - spring return from left to centre		RH position	ZB6-DGM 0.030
			Centre position	ZB6-DGN 0.030
			RH and Centre positions	ZB6-DGP 0.030
	3 - spring return from right to centre		LH position	ZB6-DGQ 0.030
		Centre position	ZB6-DGR 0.030	
		LH and Centre positions	ZB6-DGS 0.030	
3 - spring return to centre		Centre position	ZB6-DGT 0.030	
	2 - stay put		RH position	ZB6-CGA 0.030
			Centre position	ZB6-CGB (2) 0.030
			Both positions	ZB6-CGC (2) 0.030
	2 - spring return		Centre position	ZB6-CGL 0.030
	3 - stay put		LH position	ZB6-CGD 0.030
			Centre position	ZB6-CGE (2) 0.030
			LH and Centre positions	ZB6-CGF 0.030
			RH position	ZB6-CGG 0.030
			All 3 positions	ZB6-CGH (2) 0.030
			RH and LH positions	ZB6-CGJ 0.030
			RH and Centre positions	ZB6-CGK 0.030

(1) To order a key switch with DOM 311 key, add the suffix 1 to the references listed 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**.

Control and signalling units Ø 16

Harmony® style 6

Pushbuttons, switches and pilot lights, with double insulated bezel
Sub-assemblies, ZB6 : heads

General :
pages 2 to 5
Characteristics :
pages 6 and 7
Dimensions :
pages 22 to 25

References (continued)

To combine with complete bodies and contact blocks : see pages 8 and 9

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°						
①	3 - spring return from left to centre		Right-hand position	ZB6-CGM	0.030	
			Centre position	ZB6-CGN	0.030	
			RH and centre positions	ZB6-CGP	0.030	
	3 - spring return from right to centre		LH position	ZB6-CGQ	0.030	
			Centre position	ZB6-CGR	0.030	
			LH and centre positions	ZB6-CGS	0.030	
	3 - spring return from centre position		Centre position	ZB6-CGT	0.030	
	②	2 - stay put		RH position	ZB6-AGA	0.030
				Centre position	ZB6-AGB (2)	0.030
			Both positions	ZB6-AGC (2)	0.030	
2 - spring return from right to centre			Centre position	ZB6-AGL	0.030	
3 - stay put			LH position	ZB6-AGD	0.030	
			Centre position	ZB6-AGE (2)	0.030	
			LH and centre positions	ZB6-AGF	0.030	
			RH position	ZB6-AGG	0.030	
			All 3 positions	ZB6-AGH (2)	0.030	
			RH and LH positions	ZB6-AGJ	0.030	
			RH and centre positions	ZB6-AGK	0.030	
		3 - spring return from left to centre		RH position	ZB6-AGM	0.030
			Centre position	ZB6-AGN	0.030	
			RH and centre positions	ZB6-AGP	0.030	
3 - spring return de droite centre position			LH position	ZB6-AGQ	0.030	
		Centre position	ZB6-AGR	0.030		
		LH and centre positions	ZB6-AGS	0.030		
3 - spring return centre position		Centre position	ZB6-AGT	0.030		



ZB6-AG●

(1) To order a key switch with DOM 311 key, add the suffix **1** to the references listed 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**.