

Control and signalling units Ø 22

Harmony® XB4, metal

Key switches

Key n° 455, 421E, 458A, 520E, 3131A

1

Key switches ^{(1) (2)}

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

Shape of head	Type of operator	Type of contact		Positions		Reference	Weight kg
				Number	Type		
		N/O	N/C				

Complete units

	Key switch with key n° 455	1	—	2-position 90°	Stay put		XB4 BG21 (ZB4 BZ101 + ZB4 BG2)	0.153
							XB4 BG41 (ZB4 BZ101 + ZB4 BG4)	0.153
					Spring return to left		XB4 BG61 (ZB4 BZ101 + ZB4 BG6)	0.153
							XB4 BG03 (ZB4 BZ103 + ZB4 BG0)	0.153
		2	—	3-position ± 45°	Stay put		XB4 BG33 (ZB4 BZ103 + ZB4 BG3)	0.153
								

Heads only

	Key switch with key n° 455 (3) (4)			2-position 90°	Stay put		ZB4 BG2	0.098
							ZB4 BG02	0.098
							ZB4 BG4	0.098
					Spring return from right to left		ZB4 BG6	0.098
				3-position ± 45°	Stay put		ZB4 BG0	0.098
							ZB4 BG03	0.098
							ZB4 BG04	0.098
							ZB4 BG3	0.098
							ZB4 BG5	0.098
							ZB4 BG9	0.098
							ZB4 BG09	0.098
					Spring return from left to centre		ZB4 BG1	0.098
							ZB4 BG01	0.098
					Spring return to centre		ZB4 BG7	0.098
					Spring return from right to centre		ZB4 BG8	0.098
							ZB4 BG05	0.098
							ZB4 BG08	0.098

Heads with black metal bezel

To order, add a figure 7 to the references selected from above. Example: **ZB4 BG2** becomes **ZB4 BG27**.

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 1/56.

(2) The symbol  indicates key withdrawal position(s).

(3) Other key numbers:

- key n° 421E: add suffix **12** to the reference.
- key n° 458A: add suffix **10** to the reference.
- key n° 520E: add suffix **14** to the reference.
- key n° 3131A: add suffix **20** to the reference.

Example: For a switch head with key n° 421E, 2-position stay put, with key withdrawal from the left-hand position, the reference becomes: **ZB4 BG212**.

(4) For specific keys with other numbers, please consult your customer care centre.

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Key switches with key TEC10

Selector switches with knurled knob - Toggle switches

1

Key switches with key TEC10

Shape of head	Type of operator	Positions Number	Type		Reference	Weight kg	
Heads only							
	Key switch with key TEC10	2-position 90°	Stay put		ZB4 BG2TEC10	0.160	
					ZB4 BG4TEC10	0.160	
			Spring return from right to left		ZB4 BG6TEC10	0.170	
		3-position ± 45°	Stay put		ZB4 BG0TEC10	0.160	
					ZB4 BG3TEC10	0.160	
					ZB4 BG5TEC10	0.160	
					ZB4 BG9TEC10	0.160	
				Spring return to centre		ZB4 BG7TEC10	0.170
				Spring return from right to centre		ZB4 BG05TEC10	0.170

Selector switches with knurled knob (1)

Shape of head	Type of operator	Positions		Reference	Weight kg	
		Number	Type			
Heads only						
	Black knurled knob	2-position 90°	Stay put		ZB4 BD29	0.043
			Spring return from right to left		ZB4 BD49	0.050
		3-position ± 45°	Stay put		ZB4 BD39	0.040
			Spring return to centre		ZB4 BD59	0.040
			Spring return from left to centre		ZB4 BD79	0.040
			Spring return from right to centre		ZB4 BD89	0.040



ZB4 BD29

Toggle switches (1)

Shape of head	Type of operator	Positions		Reference	Weight kg	
		Number	Type			
Heads only						
	Black lever	2-position 90°	Stay put		ZB4 BD28	0.026
			Spring return		ZB4 BD48	0.026



ZB4 BD28

Heads with black metal bezel

To order, add a figure 7 to the references selected from above.
Example: ZB4 BD29 becomes ZB4 BD297.

For the references with key TEC10, add the 7 before TEC10.
Example: ZB4 BG2TEC10 becomes ZB4 BG27TEC10.

(1) Recommended maximum number of contacts and sequence of contacts constituting the body (fixing collar + contact) associated with the head, see page 1/56.

To combine with heads, see pages 1/58 to 1/80

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814254



ZB4 BZ009

814255



ZBE 101

814267



ZBE 203

814133



ZB4 BZ101

814265



ZBE 201

814346



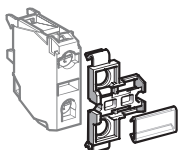
ZB4 BZ106

PF00706



ZBE 501

814262



ZBZ 001

General :
page 1/44**Body/fixing collar**

For use with	Sold in lots of	Unit reference	Weight kg
Electrical block (contact or light)	10	ZB4 BZ009	0.038

Contact functions ⁽¹⁾**Screw clamp terminal connections (Schneider Electric anti-retightening system)****Contacts for standard applications**

Description	Type of contact			Sold in lots of	Unit reference	Weight kg
Contact blocks	Single	1	—	5	ZBE 101	0.011
		—	1	5	ZBE 102	0.011
		2	—	5	ZBE 203	0.020
		—	2	5	ZBE 204	0.020
		1	1	5	ZBE 205	0.020
	Single with body/fixing collar	1	—	1	ZB4 BZ101	0.053
		—	1	1	ZB4 BZ102	0.053
		2	—	1	ZB4 BZ103	0.062
		—	2	1	ZB4 BZ104	0.062
		1	1	1	ZB4 BZ105	0.062
		1	2	1	ZB4 BZ141	0.072

Contacts for specific applications

Application	Type of contact	Description			Sold in lots of	Unit reference	Weight kg
Low power switching	Single	Standard	1	—	5	ZBE 1016	0.012
			—	1	5	ZBE 1026	0.012
		Dusty environment (2) (IP5X, 50 µm dust)	1	—	5	ZBE 1016P	0.012
			—	1	5	ZBE 1026P	0.012
Staggered contacts	Single	Early make N/O	1	—	5	ZBE 201	0.011
		Late break N/C	—	1	5	ZBE 202	0.011
	Single with body/fixing collar	Overlapping N/O+N/C	1	1	5	ZB4 BZ106	0.062
		Staggered N/O+N/O	2	—	5	ZB4 BZ107	0.062
High power switching	Single	Standard (3)	1	—	1	ZBE 501	0.020
			—	1	1	ZBE 502	0.020
			2	—	1	ZBE 503	0.032
			—	2	1	ZBE 504	0.032
			1	1	1	ZBE 505	0.032
Additional contact blocks for high power switching	Single	Standard (4)	1	—	1	ZB2 BE101	0.020
			—	1	1	ZB2 BE102	0.020

Clip-on legend holder, sheet of blank legends and labelling software

Description	Sold in lots of	Unit reference	Weight kg
Clip-on legend-holder for electrical blocks with screw clamp terminal connections (5). For identification of an XB4 B control or signalling unit	10	ZBZ 001	0.001
Sheet of 50 blank legends for legend holder ZBZ 001	10	ZBY 001	0.023
«SIS Label» labelling software for legend design (ZBY 001 legends) (for design of legends in English, French, German, Italian, Spanish)	1	XBY 2U	0.100

(1) The contact blocks enable variable composition of body/contact assemblies. Maximum number of rows possible: 3. Either 3 rows of 3 single contacts or 1 row of 3 double contacts + 1 row of 3 single contacts (double contacts occupy the first 2 rows). Maximum number of contacts is specified on page 1/56.

(2) It is not possible to fit an additional contact block on the back of these contact blocks.

(3) It is not possible to use these contacts with light blocks.

(4) To be fitted on the back of ZBE 500 contacts.

(5) This legend holder is not compatible with high power switching contacts.

Characteristics :
page 1/52Dimensions :
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