

To combine with heads for integral LED:
see pages 36007/7 to 36007/9



ZB4 BW0003

Complete bodies (fixing collar + single contact block + light block with integral LED)

Light source	Supply voltage	Type of contact (1)		Colour of light source	Reference	Weight
	V					kg
		N/O	N/C			
Screw clamp terminal connections						
Integral LED 	~ 24	1	–	White	ZB4 BW0B11	0.064
				Green	ZB4 BW0B31	0.064
				Red	ZB4 BW0B41	0.064
				Yellow	ZB4 BW0B51	0.064
				Blue	ZB4 BW0B61	0.064
		–	1	White	ZB4 BW0B12	0.064
				Green	ZB4 BW0B32	0.064
				Red	ZB4 BW0B42	0.064
				Yellow	ZB4 BW0B52	0.064
				Blue	ZB4 BW0B62	0.064
		2	–	White	ZB4 BW0B13	0.074
				Green	ZB4 BW0B33	0.074
				Red	ZB4 BW0B43	0.074
				Yellow	ZB4 BW0B53	0.074
				Blue	ZB4 BW0B63	0.074
		1	1	White	ZB4 BW0B15	0.074
				Green	ZB4 BW0B35	0.074
				Red	ZB4 BW0B45	0.074
				Yellow	ZB4 BW0B55	0.074
				Blue	ZB4 BW0B65	0.074
	~ 48...120	1	–	White	ZB4 BW0G11	0.064
				Green	ZB4 BW0G31	0.064
				Red	ZB4 BW0G41	0.064
				Yellow	ZB4 BW0G51	0.064
				Blue	ZB4 BW0G61	0.064
		–	1	White	ZB4 BW0G12	0.064
				Green	ZB4 BW0G32	0.064
				Red	ZB4 BW0G42	0.064
				Yellow	ZB4 BW0G52	0.064
				Blue	ZB4 BW0G62	0.064

Other versions

Complete bodies with Faston connector terminals (6.35 or 2 x 2.8).
Please consult your Regional Sales Office.

(1) Can be fitted with additional contact blocks: see page 36008/2.

To combine with heads for integral LED:
see pages 36007/7 to 36007/9



ZB4 BW0003

Complete bodies (fixing collar + single contact block + light block with integral LED) (continued)						
Light source	Supply voltage	Type of contact (1)		Colour of light source	Reference	Weight
						
	V	N/O	N/C			kg
Screw clamp terminal connections (continued)						
Protected[®] LED	~ 48...120	2	—	White	ZB4 BW0G13	0.074
				Green	ZB4 BW0G33	0.074
				Red	ZB4 BW0G43	0.074
				Yellow	ZB4 BW0G53	0.074
				Blue	ZB4 BW0G63	0.074
		1	1	White	ZB4 BW0G15	0.074
				Green	ZB4 BW0G35	0.074
				Red	ZB4 BW0G45	0.074
				Yellow	ZB4 BW0G55	0.074
				Blue	ZB4 BW0G65	0.074
	~ 230...240	1	—	White	ZB4 BW0M11	0.064
				Green	ZB4 BW0M31	0.064
				Red	ZB4 BW0M41	0.064
				Yellow	ZB4 BW0M51	0.064
				Blue	ZB4 BW0M61	0.064
		—	1	White	ZB4 BW0M12	0.064
				Green	ZB4 BW0M32	0.064
				Red	ZB4 BW0M42	0.064
				Yellow	ZB4 BW0M52	0.064
				Blue	ZB4 BW0M62	0.064
		2	—	White	ZB4 BW0M13	0.074
				Green	ZB4 BW0M33	0.074
				Red	ZB4 BW0M43	0.074
				Yellow	ZB4 BW0M53	0.074
				Blue	ZB4 BW0M63	0.074
		1	1	White	ZB4 BW0M15	0.074
				Green	ZB4 BW0M35	0.074
				Red	ZB4 BW0M45	0.074
				Yellow	ZB4 BW0M55	0.074
				Blue	ZB4 BW0M65	0.074
400 V, 50 Hz	1	1	White	ZB4 BW05B15	0.168	
			Green	ZB4 BW05B35	0.168	
			Red	ZB4 BW05B45	0.168	
			Yellow	ZB4 BW05B55	0.168	
			Blue	ZB4 BW05B65	0.168	
400/460 V, 60 Hz	1	1	White	ZB4 BW08B15	0.168	
			Green	ZB4 BW08B35	0.168	
			Red	ZB4 BW08B45	0.168	
			Yellow	ZB4 BW08B55	0.168	
			Blue	ZB4 BW08B65	0.168	
550/600 V, 60 Hz	1	1	White	ZB4 BW09B15	0.168	
			Green	ZB4 BW09B35	0.168	
			Red	ZB4 BW09B45	0.168	
			Yellow	ZB4 BW09B55	0.168	
			Blue	ZB4 BW09B65	0.168	
Other versions		Complete bodies with Faston connector terminals (6.35 or 2 x 2.8). Please consult your Regional Sales Office.				

(1) Can be fitted with additional contact blocks: see page 36008/2.

To combine with heads for integral LED:
see pages 36007/7 to 36007/9



ZB4 BW0114

Complete bodies (fixing collar + single contact block + light block with integral LED) (continued)

Light source	Supply voltage	Type of contact (1)		Colour of light source	Reference	Weight
	V					kg
		N/O	N/C			
Plug-in connector (2)						
Integral LED 	≈ 24	1	–	White	ZB4 BW0B114	0.060
				Green	ZB4 BW0B314	0.060
				Red	ZB4 BW0B414	0.060
				Yellow	ZB4 BW0B514	0.060
				Blue	ZB4 BW0B614	0.060
		–	1	White	ZB4 BW0B124	0.060
				Green	ZB4 BW0B324	0.060
				Red	ZB4 BW0B424	0.060
				Yellow	ZB4 BW0B524	0.060
				Blue	ZB4 BW0B624	0.060
	≈ 48...120	2	–	White	ZB4 BW0B134	0.067
				Green	ZB4 BW0B334	0.067
				Red	ZB4 BW0B434	0.067
				Yellow	ZB4 BW0B534	0.067
				Blue	ZB4 BW0B634	0.067
		1	1	White	ZB4 BW0B154	0.067
				Green	ZB4 BW0B354	0.067
				Red	ZB4 BW0B454	0.067
				Yellow	ZB4 BW0B554	0.067
				Blue	ZB4 BW0B654	0.067
		1	–	White	ZB4 BW0G114	0.060
				Green	ZB4 BW0G314	0.060
				Red	ZB4 BW0G414	0.060
				Yellow	ZB4 BW0G514	0.060
				Blue	ZB4 BW0G614	0.060
		–	1	White	ZB4 BW0G124	0.060
				Green	ZB4 BW0G324	0.060
				Red	ZB4 BW0G424	0.060
				Yellow	ZB4 BW0G524	0.060
				Blue	ZB4 BW0G624	0.060

Other versions

Complete bodies with Faston connector terminals (6.35 or 2 x 2.8).
Please consult your Regional Sales Office.

(1) Can be fitted with additional contact blocks: see page 36008/4.

(2) Connecting cables and connector for plug-in connector electrical blocks: see page 36008/4.

To combine with heads for integral LED:
see pages 36007/7 to 36007/9



ZB4 BW00034

Complete bodies (fixing collar + single contact block + light block with integral LED) (continued)						
Light source	Supply voltage	Type of contact (1)		Colour of light source	Reference	Weight
						
	V	N/O	N/C			kg
Screw clamp terminal connections (2) (continued)						
Integral LED Protected LED	~ 48...120	2	—	White	ZB4 BW0G134	0.067
				Green	ZB4 BW0G334	0.067
				Red	ZB4 BW0G434	0.067
				Yellow	ZB4 BW0G534	0.067
				Blue	ZB4 BW0G634	0.067
		1	1	White	ZB4 BW0G154	0.067
				Green	ZB4 BW0G354	0.067
				Red	ZB4 BW0G454	0.067
				Yellow	ZB4 BW0G554	0.067
				Blue	ZB4 BW0G654	0.067
	~ 230...240	1	—	White	ZB4 BW0M114	0.060
				Green	ZB4 BW0M314	0.060
				Red	ZB4 BW0M414	0.060
				Yellow	ZB4 BW0M514	0.060
				Blue	ZB4 BW0M614	0.060
		—	1	White	ZB4 BW0M124	0.060
				Green	ZB4 BW0M324	0.060
				Red	ZB4 BW0M424	0.060
				Yellow	ZB4 BW0M524	0.060
				Blue	ZB4 BW0M624	0.060
	2	—	White	ZB4 BW0M134	0.067	
			Green	ZB4 BW0M334	0.067	
			Red	ZB4 BW0M434	0.067	
			Yellow	ZB4 BW0M534	0.067	
			Blue	ZB4 BW0M634	0.067	
	1	1	White	ZB4 BW0M154	0.067	
			Green	ZB4 BW0M354	0.067	
			Red	ZB4 BW0M454	0.067	
			Yellow	ZB4 BW0M554	0.067	
			Blue	ZB4 BW0M654	0.067	
Other versions		Complete bodies with Faston connector terminals (6.35 or 2 x 2.8). Please consult your Regional Sales Office.				

(1) Can be fitted with additional contact blocks: see page 36008/4.

(2) Connecting cables and connector for plug-in connector electrical blocks: see page 36008/4.

To combine with heads for BA9s bulbs:
see pages 36007/7 to 36007/9



ZB4 BW06●



ZB4 BW05●

Complete bodies (fixing collar + single contact block + light block for BA 9s bulb, incandescent, neon or LED)

Description	Light source	Supply voltage	Type of contact (1)		Colour of light source	Reference	Weight
							
V			N/O	N/C			kg
Screw clamp terminal connections							
Direct supply	BA 9s 2.4 W max. bulb Not included (2)	≤ 250	1	—	—	ZB4 BW061	0.063
			—	1	—	ZB4 BW062	0.063
			2	—	—	ZB4 BW063	0.073
			1	1	—	ZB4 BW065	0.073
Via integral transformer 1.2 VA, 6 V secondary	BA9s incandescent bulb, included	~ 110...120 50/60 Hz	1	—	—	ZB4 BW031	0.141
			1	1	—	ZB4 BW035	0.151
		~ 230 50 Hz ~ 220...240 60 Hz	1	—	—	ZB4 BW041	0.141
			1	1	—	ZB4 BW045	0.151
		~ 400 50 Hz	1	—	—	ZB4 BW051	0.141
			1	1	—	ZB4 BW055	0.151
	BA9s base fitting LED included	~ 110...120 50/60 Hz	1	1	White	ZB4 BW03D15	0.151
					Green	ZB4 BW03D35	0.151
					Red	ZB4 BW03D45	0.151
					Yellow	ZB4 BW03D55	0.151
					Blue	ZB4 BW03D65	0.151
		~ 230 50 Hz ~ 220...240 60 Hz	1	1	White	ZB4 BW04D15	0.151
					Green	ZB4 BW04D35	0.151
					Red	ZB4 BW04D45	0.151
					Yellow	ZB4 BW04D55	0.151
					Blue	ZB4 BW04D65	0.151
		~ 400 50/60 Hz	1	1	White	ZB4 BW05D15	0.152
					Green	ZB4 BW05D35	0.152
					Red	ZB4 BW05D45	0.152
					Yellow	ZB4 BW05D55	0.152
					Blue	ZB4 BW05D65	0.152
Other versions		Complete bodies with integral transformer incorporating Faston connector terminals (6.35 or 2 x 2.8). Please consult your Regional Sales Office.					

(1) Can be fitted with additional contact blocks: see page 36008/2.

(2) Bulb to be ordered separately: see page 36008/14.

To combine with bodies:
see pages 36007/2 to 36007/6



ZB4 BW333



ZB4 BW563



ZB4 BW113



ZB4 BW33



ZB4 BW14

Heads for spring return illuminated pushbuttons

Shape of head	Type of push	Colour	Reference	Weight kg
With plain lens				
Only for use with bodies comprising a light source with integral LED				
	Flush	White	ZB4 BW313	0.026
		Green	ZB4 BW333	0.026
		Red	ZB4 BW343	0.026
		Yellow	ZB4 BW353	0.026
		Blue	ZB4 BW363	0.026
	Flush with illuminated ring	White	ZB4 BW913	0.026
		Green	ZB4 BW933	0.026
		Red	ZB4 BW943	0.026
		Yellow	ZB4 BW953	0.026
		Blue	ZB4 BW963	0.026
	Flush with clear boot	White	ZB4 BW513	0.031
		Green	ZB4 BW533	0.031
		Red	ZB4 BW543	0.031
		Yellow	ZB4 BW553	0.031
		Blue	ZB4 BW563	0.031
	Flush for insertion of legend	White	ZB4 BA18	0.028
		Green	ZB4 BA38	0.028
		Red	ZB4 BA48	0.028
		Yellow	ZB4 BA58	0.028
		Blue	ZB4 BA68	0.028
	Projecting	White	ZB4 BW113	0.029
		Green	ZB4 BW133	0.029
		Red	ZB4 BW143	0.029
		Yellow	ZB4 BW153	0.029
		Blue	ZB4 BW163	0.029
Only for use with bodies comprising a light source with BA 9s bulb (incandescent, neon or LED)				
	Flush	White	ZB4 BW31	0.027
		Green	ZB4 BW33	0.027
		Red	ZB4 BW34	0.027
		Yellow	ZB4 BW35	0.027
		Blue	ZB4 BW36	0.027
		Clear	ZB4 BW37	0.027
	Projecting	White	ZB4 BW11	0.028
		Green	ZB4 BW13	0.028
		Red	ZB4 BW14	0.028
		Yellow	ZB4 BW15	0.028
		Blue	ZB4 BW16	0.028
		Clear	ZB4 BW17	0.028

Heads with black metal bezel

To order, add the suffix 7 to the references selected above.
Example: **ZB4 BW313** becomes **ZB4 BW3137**.

To combine with bodies:
see pages 36007/2 to 36007/6

Heads for spring return illuminated pushbuttons

Shape of head	Type of push	Colour	Reference	Weight kg
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With grooved lens (1)

Only for use with bodies comprising a light source with integral LED



Flush	White	ZB4 BW313S	0.026
	Green	ZB4 BW333S	0.026
	Red	ZB4 BW343S	0.026
	Yellow	ZB4 BW353S	0.026
	Blue	ZB4 BW363S	0.026
Projecting	White	ZB4 BW113S	0.026
	Green	ZB4 BW133S	0.026
	Red	ZB4 BW143S	0.026
	Yellow	ZB4 BW153S	0.026
	Blue	ZB4 BW163S	0.026

Only for use with bodies comprising a light source with BA 9s bulb (incandescent, neon or LED)



Flush	White	ZB4 BW31S	0.027
	Green	ZB4 BW33S	0.027
	Red	ZB4 BW34S	0.027
	Yellow	ZB4 BW35S	0.027
	Blue	ZB4 BW36S	0.027
	Clear	ZB4 BW37S	0.027
Projecting	White	ZB4 BW11S	0.027
	Green	ZB4 BW13S	0.027
	Red	ZB4 BW14S	0.027
	Yellow	ZB4 BW15S	0.027
	Blue	ZB4 BW16S	0.027
	Clear	ZB4 BW17S	0.027

Heads with black metal bezel

To order, add the suffix 7 to the references selected above.
Example: ZB4 BW313S becomes ZB4 BW3137S.

(1) For use in bright ambient light conditions (outdoors in sunlight, for example). For heads with grooved lens, the use of "high luminosity" LEDs is recommended, see page 36008/3.

To combine with bodies:
see pages 36007/2 to 36007/6



ZB4 BH033



ZB4 BH63



ZB4 BW812743



ZB4 BW823743



ZB4 BW841723

Heads for illuminated "push-push to release" pushbuttons (1)

Shape of head	Type of push	Colour of lens	Reference	Weight kg
Only for use with bodies comprising a light source with integral LED				
	Flush	White	ZB4 BH013	0.026
		Green	ZB4 BH033	0.026
		Red	ZB4 BH043	0.026
		Yellow	ZB4 BH053	0.026
		Blue	ZB4 BH063	0.026
	Projecting	White	ZB4 BH13	0.026
		Green	ZB4 BH33	0.026
		Red	ZB4 BH43	0.026
		Yellow	ZB4 BH53	0.026
		Blue	ZB4 BH63	0.026

Heads with pilot light for double-headed, spring return pushbuttons (IP 40) (2)

Shape of head	Description	Colour of pushes	Colour of pilot light	Reference	Weight kg
Only for use with bodies comprising a light source with integral LED "high luminosity" (3)					
■ Without function marking on push					
	1 flush push 1 central pilot light 1 flush push	Black Red	Clear (4)	ZB4 BW812743	0.047
		Green Red	Clear (4)	ZB4 BW813743	0.047
		White Black	Clear (4)	ZB4 BW811723	0.047
	1 flush push 1 central pilot light 1 projecting push	Black Red	Clear (4)	ZB4 BW832743	0.046
		Green Red	Clear (4)	ZB4 BW833743	0.046
		White Black	Clear (4)	ZB4 BW831723	0.046
■ With function marking on push					
	1 flush push (marked "I") 1 central pilot light 1 flush push (marked "O")	Black Red	Clear (4)	ZB4 BW822743	0.047
		Green Red	Clear (4)	ZB4 BW823743	0.047
		White Black	Clear (4)	ZB4 BW821723	0.047
	1 flush push (marked "I") 1 central pilot light 1 projecting push (marked "O")	Black Red	Clear (4)	ZB4 BW842743	0.046
		Green Red	Clear (4)	ZB4 BW843743	0.046
		White Black	Clear (4)	ZB4 BW841723	0.046

Heads with black metal bezel

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

Example: ZB4 BW812743 becomes ZB4 BW8127437.

(1) Maximum of 1 row of 2 contact blocks on associated body/fixing collar sub-assembly.

(2) NEMA type 1. For head with IP 66 degree of protection (NEMA type 4X) fit a clear sealing boot ZBW 008: see page 36008/15.

(3) "High luminosity" LED, see page 36008/3.

(4) Colour of centrally positioned pilot light determined by the colour of the LED incorporated in the body assembly.

To combine with bodies:
see pages 36007/2 to 36007/6



ZB4 BW413

Heads for spring return Ø40 mushroom head illuminated pushbuttons

Shape of head	Colour of push	Reference	Weight kg
Only for use with bodies comprising a light source with integral LED "high luminosity" ⁽¹⁾			
 	White	ZB4 BW413	0.051
	Green	ZB4 BW433	0.051
	Red	ZB4 BW443	0.051
	Yellow	ZB4 BW453	0.051
	Blue	ZB4 BW463	0.051

Heads for latching Ø 40 mushroom head illuminated pushbuttons

Shape of head	Type of push	Colour of push	Reference	Weight kg
Only for use with bodies comprising a light source with integral LED "high luminosity" ⁽¹⁾				
 	Push-pull	White	ZB4 BW613	0.051
		Green	ZB4 BW633	0.051
		Red	ZB4 BW643	0.051
		Yellow	ZB4 BW653	0.051
		Blue	ZB4 BW663	0.051

Heads with black metal bezel

To order, add the suffix 7 to the references selected above.
Example: **ZB4 BK1213** becomes **ZB4 BK12137**.

(1) "High luminosity" LED, see page 36008/3.

To combine with bodies:
see pages 36007/2 to 36007/6



ZB4 BK1343



Heads for illuminated selector switches, standard handle (1)

Shape of head	Number and type of positions	Colour of handle	Reference	Weight kg
Only for use with bodies comprising a light source with integral LED				
	2 - stay put	White	ZB4 BK1213	0.040
		Green	ZB4 BK1233	0.040
		Red	ZB4 BK1243	0.040
		Yellow	ZB4 BK1253	0.040
		Blue	ZB4 BK1263	0.040
	2 - spring return from right to left	White	ZB4 BK1413	0.040
		Green	ZB4 BK1433	0.040
		Red	ZB4 BK1443	0.040
		Yellow	ZB4 BK1453	0.040
		Blue	ZB4 BK1463	0.040
	3 - stay put	White	ZB4 BK1313	0.040
		Green	ZB4 BK1333	0.040
		Red	ZB4 BK1343	0.040
		Yellow	ZB4 BK1353	0.040
		Blue	ZB4 BK1363	0.040
	3 - spring return to centre	White	ZB4 BK1513	0.040
		Green	ZB4 BK1533	0.040
		Red	ZB4 BK1543	0.040
		Yellow	ZB4 BK1553	0.040
		Blue	ZB4 BK1563	0.040
	3 - spring return from right to centre	White	ZB4 BK1813	0.040
		Green	ZB4 BK1833	0.040
		Red	ZB4 BK1843	0.040
		Yellow	ZB4 BK1853	0.040
		Blue	ZB4 BK1863	0.040
	3 - spring return from left to centre	White	ZB4 BK1713	0.040
		Green	ZB4 BK1733	0.040
		Red	ZB4 BK1743	0.040
		Yellow	ZB4 BK1753	0.040
		Blue	ZB4 BK1763	0.040

Heads with black metal bezel

To order, add the suffix 7 to the references selected above.
Example: ZB4 BK1213 becomes ZB4 BK12137.

(1) NEMA type 13.