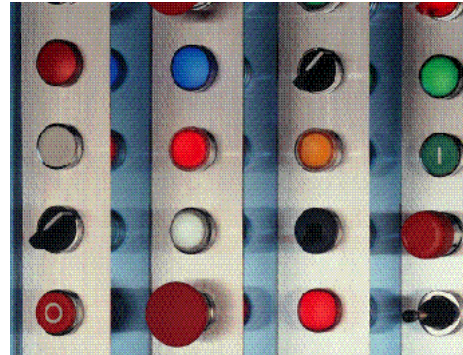


SELECTION GUIDE



XB4 22mm Push Buttons

Designed for the most rugged industrial applications, the new XB4 range of 22mm push buttons, selector switches and signaling devices combine ease of installation and new technology such as Protected LED.[®]

The world's most popular push button is rated both NEMA and UL Types 1,2,3,4,4X and 13, and IP65 for the most demanding oil-tight, water-tight, dust-tight and corrosion-resistant applications. Properly installed, these devices are UL Listed, CSA Certified and meet VDE, IEC and European Community Standards.

Available locally and globally with consistent part numbering, the XB line is the most extensive offering of control and signaling devices **in the world!**



PUSH BUTTON OPERATORS

Available Cap Colors: ● ● ● ● ●

	ZB4BA1	ZB4BA2	ZB4BA3	ZB4BA4	ZB4BA5	ZB4BA6	ZB4BA8
	ZB4BL1	ZB4BL2	ZB4BL3	ZB4BL4	ZB4BL5	ZB4BL6	
	ZB4BA16	ZB4BA26	ZB4BA36	ZB4BA46	ZB4BA56	ZB4BA66	
	ZB4BP1	ZB4BP2	ZB4BP3	ZB4BP4	ZB4BP5	ZB4BP6	
	ZB4BA133 START	ZB4BA331 I	ZB4BA333 START	ZB4BA432 O	ZB4BA435 OFF	ZB4BA341 ON	
				ZB4BL432 O	ZB4BL434 STOP	ZB4BL435 OFF	

MUSHROOM OPERATORS

Available Head Colors: ● ●

	30 mm	ZB4BC24	ZB4BC44
	40 mm	ZB4BC2	ZB4BC4
	60 mm	ZB4BR2	ZB4BR4
	Available in: 40 mm 60 mm	ZB4BT2	ZB4BT84*
	Available in: 30 mm 40 mm 60 mm	ZB4BS42	ZB4BS834; ZB4BS44
	Available in: 30 mm 40 mm 60 mm	ZB4BS52	ZB4BS844; ZB4BS54
	Available in: 30 mm 40 mm 60 mm	ZB4BS72	ZB4BS934; ZB4B74
		ZB4BS12	ZB4BS944; ZB4B14
		ZB4BS24	ZB4BS964; ZB4B24

*Trigger-action emergency stop operators

CONTACT BLOCKS

	N/O N/C	Number		N/O N/C	Number
	1 1	ZB4BZ101		1 1	ZBE101
	2 2	ZB4BZ102		2 2	ZBE102
	1 1	ZB4BZ103		1 1	ZBE203
	1 1	ZB4BZ104		1 1	ZBE204
	1 1	ZB4BZ105		1 1	ZBE205
	1 1	ZB4BZ141		1 1	ZBE205

2 Position Selector Switch		3 Position Selector Switch	
Contact Block Guide		Contact Block Guide	
X	O	X	O
O	X	O	X
X	O	O	X
O	X	X	O
O	X	O	X
X	O	X	O

SELECTOR SWITCHES

	2 Position	ZB4BD2	ZB4BD4
	3 Position	ZB4BD3	ZB4BD5
	2 Position	ZB4BJ2	ZB4BJ4
	3 Position	ZB4BJ3	ZB4BJ5
	2 Position	ZB4BG2	ZB4BG4
	3 Position	ZB4BG3	ZB4BG5
		ZB4BG7	ZB4BG8
		ZB4BG9	ZB4BG6
		ZB4BG1	ZB4BG8

• Maintained Position ○ Spring Return † Key Removal

PILOT LIGHT HEADS

Available Lens Colors: ● ● ● ● ●

	ZB4BVO13	ZB4BVO33	ZB4BVO43	ZB4BVO53	ZB4BVO63
	ZB4BVO1	ZB4BVO3	ZB4BVO4	ZB4BVO5	ZB4BVO6
				ZB4BVO7	ZB4BVO7

PILOT LIGHT MODULE - With Base

	Light Source	Supply Voltage	Number
	BA 9s bulb	≤ 250 Vac	ZV4BV6
	NOT INCLUDED		
	BA 9s bulb	110-120 Vac 50/60 Hz	ZB4BV3
	INCLUDED	230-240 Vac 50/60 Hz	ZB4BV4
		440-480 Vac 60 Hz	ZB4BV8

	Color of Light Source	Supply Voltage	Number	Supply Voltage	Number
	White	24 Vac or Vdc	ZB4VB1	110-120 Vac	ZB4VB1
	Black		ZB4VB3		ZB4VB3
	Green		ZB4VB4		ZB4VB4
	Red		ZB4VB5		ZB4VB5
	Yellow		ZB4VB6		ZB4VB6
	Blue				
	Clear				
	Grey				

ILLUMINATED PUSH BUTTONS

Available Colors: ● ● ● ● ● ○

	ZB4BW31	ZB4BW33	ZB4BW34	ZB4BW35	ZB4BW36	ZB4BW37
	ZB4BW313	ZB4BW333	ZB4BW343	ZB4BW353	ZB4BW363	
	ZB4BW11	ZB4BW13	ZB4BW14	ZB4BW15	ZB4BW16	ZB4BW17
	ZB4BW113	ZB4BW133	ZB4BW143	ZB4BW153	ZB4BW163	
	ZB4BW513	ZB4BW533	ZB4BW543	ZB4BW553	ZB4BW563	

ILLUMINATED LIGHT MODULE

Available Colors: ● ● ● ● ● NO N/C

	ZB4WOB11	ZB4WOB31	ZB4WOB41	ZB4WOB51	ZB4WOB61	1	-
	ZB4WOB12	ZB4WOB32	ZB4WOB42	ZB4WOB52	ZB4WOB62	-	1
	ZB4WOB13	ZB4WOB33	ZB4WOB43	ZB4WOB53	ZB4WOB63	2	-
	ZB4WOB15	ZB4WOB35	ZB4WOB45	ZB4WOB55	ZB4WOB65	1	1
	ZB4WOG11	ZB4WOG31	ZB4WOG41	ZB4WOG51	ZB4WOG61	1	-
	ZB4WOG12	ZB4WOG32	ZB4WOG42	ZB4WOG52	ZB4WOG62	-	1
	ZB4WOG13	ZB4WOG33	ZB4WOG43	ZB4WOG53	ZB4WOG63	2	-
	ZB4WOG15	ZB4WOG35	ZB4WOG45	ZB4WOG55	ZB4WOG65	1	1

LIGHT MODULE - With Base

	Light Source	Supply Voltage	N/O	N/C	Number
	BA 9s	≤ 250	1	-	ZB4BW061
	2.4 W max. bulb		-	1	ZB4BW062
	NOT INCLUDED		2	-	ZB4BW063
			1	1	ZB4BW065
	BA 9s	Supply Voltage	N/O	N/C	Number
	Incandescent bulb	110-120 Vac 50/60 Hz	1	-	ZB4BW031
	INCLUDED	230-240 Vac 50/60 Hz	1	1	ZB4BW035
			1	-	ZB4BW041
			1	1	ZB4BW045

ILLUMINATED AND NON-ILLUMINATED COLOR KEY

White	Black	Green	Red	Yellow	Blue	Clear	Grey

RESET OPERATORS

	XB4BA821	XB4BA841	XB4BA861	Actuation Dist.	Travel
	XB4BA822	XB4BA842	XB4BA862	0.24-0.63 in. (6-16 mm)	0.39 in. (10 mm)
	XB4BA921	XB4BA941	XB4BA961	0.63-1.02 in. (16-26 mm)	
	XB4BA922	XB4BA942	XB4BA962	1.18-5.12 in. (30-130 mm)	0.55 in. (14 mm)
				5.12-10.12 in. (130-257 mm)	

POTENTIOMETER OPERATOR

	For potentiometer with shaft length 1.73 to 1.97 in. (44 to 50 mm)	For shaft 0.25 in. (6.35 mm)	ZB4BD922
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JOYSTICK CONTROLLERS

	1 step 1 N/O contact per direction	2 direction	XD4PA12 :Spring Returned
		4 direction	XD4PA22 :Maintained
			XD4PA14 :Spring Returned
			XD4PA24 :Maintained

LAMPS

	Voltage	Wattage	Number
	6 V	1.5 w	DL1CB006
	12 V	2.6 w	DL1CE012
	24 V	2.6 w	DL1CE024
	130 V	2.6 w	DL1CE130

PVC Legend Plates

30 x 40 mm

O (red background)	ZBY2931
I	ZBY2147
STOP	ZBY2304
AUTO-HAND	ZBY2364
CLOSE	ZBY2314
DOWN	ZBY2308
EMERGENCYSTOP	ZBY2330
FAST	ZBY2328
FORWARD	ZBY2305
HAND	ZBY2316
HAND-OFF-AUTO	ZBY2387
INCH	ZBY2321
OFF	ZBY2312
OFF-ON	ZBY2367
ON	ZBY2311
OPEN	ZBY2313
POWER ON	ZBY2326
RESET (red background)	ZBY2323
REVERSE	ZBY2306
RUN	ZBY2334
SLOW	ZBY2327
START	ZBY2303
STOP-START	ZBY2366
UP	ZBY2307

YELLOW CONTRAST PLATES

60MM Round

	ZBY9101	Unmarked
	ZBY9330	"Emergency Stop"

90MM Round

	ZBY8101	Unmarked
	ZBY8330	"Emergency Stop"

For additional listings, see Catalog Number 9001CT9902