

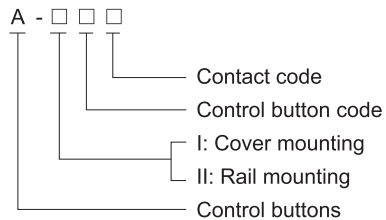
Components for BZC8050 Control Stations BA8050 Series Control Buttons



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ 2 versions of component
 - 1 NO
 - 1 NC
- ◆ Six different ways of operation
 - Spring-return control button
 - Mushroom stay-put emergency control button
 - Key-operated control button
 - Rotary control button
 - Double control button
 - Mushroom turn-to-release emergency control button
- ◆ Mushroom stay-put emergency pushbutton/ mushroom turn-to-release emergency pushbutton can be equipped with protection cover, please specify when ordering. Material of protection cover: stainless steel and PC, please specify when ordering.







■ Catalogue number logic

BA8050(A for short)



Zones 1&2; 21&22

Components for BZC8050 Control Stations BA8050 Series Control Buttons

Selection table				
Version	Description	Contact code	Ordering code	Weight (kg)
 I: Cover mounting	 1NC	R	40090-1	0.06
	 1NO	S	40090-2	0.06
 II: Rail mounting	 1NC	R	40091-1	0.05
	 1NO	S	40091-2	0.05

The last number of ordering code: 1 - cover mounting; 2 - rail mounting


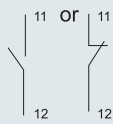
Selection table					
Version	Description	Code	Ordering code	Weight (kg)	
	Spring-return control button	 Red  Green  Yellow	a	40092A	0.05
		b	40092B		
		c	40092C		
	Mushroom stay-put emergency control button	Red	d	40093	0.05
	Key-operated control button	Black	e	40094	0.05
	Rotary control button	Red	f	40095	0.05
	Mushroom turn-to-release emergency control button	Red	g	40096	0.05
	Double control button	Red/Green	h	40097	0.05
	Pushbutton with indicator	 Red  Green  Yellow	i	40098A	0.05
		j	40098B		
		k	40098C		



Components for BZC8050 Control Stations BA8050 Series Control Buttons

Technical data

Control buttons BA8050

Explosion protection	 II 2 G Ex d e IIC Gb		
Certificates	LCIE 07 ATEX 0006U; IECEx LCI 08.0013U; KZ.7500525.22.01.00374 (CU-TR)		
Conformity to standards	EN 60079-0, EN 60079-1, EN 60079-7 IEC 60079-0, IEC 60079-1, IEC 60079-7		
Enclosure material	Polyamide (PA66)		
Rated voltage	Max. 415V AC		
Rated current	6A		
Contact type			
Switch capacity			
	AC 11, cosj=0.7	230V-4A	415V-2.5A
	DC1 L/R=1ms	60V-4A	110V-2.5A
	DC11 L/R=15ms	60V-6A	110V-2.5A
	L/R=30ms	4A	1.6A
	L/R=100ms	2.5A	1.0A
Mechanical life	10 ⁶ times		
Electrical life	10 ⁶ times		
Ambient temperature	-20°C~+70°C		
Terminal	Suitable for 2.5mm ² cable		
Button element			
Material	Polyamide (PA66)		
Washer	Silicon rubber		
Function			
Spring-return control button	Spring-return control button		
Mushroom stay-put emergency control button	Self-latching when pulled, self-locking		
Key-operated control button	Rotate to lock; release with key, key movable in both ways		
Rotary control button	Two-position switch function, key movable in 90°		
Double control button	Spring-return control button, 1 control button element has the function of 2 control buttons		
Mushroom turn-to-release emergency control button	Rotary resetting control button; self-locking		

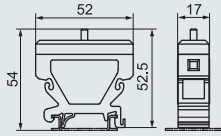


Accessories

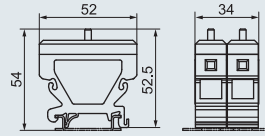
Description	Material	Ordering code	Weight (kg)	Description	Material	Ordering code	Weight (kg)
Cover mounting bracket 	PC	40098	0.01	Emergency pushbutton protection cover 	PC	40198	0.02
Rail 	aluminium alloy (1m)	40120	0.12	Emergency pushbutton protection cover 	Stainless steel	40199	0.10

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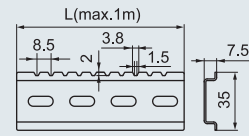
Dimension drawings (all dimensions in mm) - subject to alteration



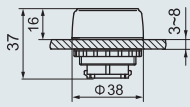
Control button, single (rail mounting)



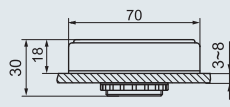
Control button, double (rail mounting)



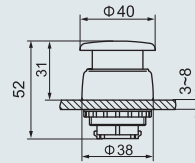
Rail



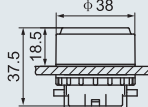
Spring-return control button



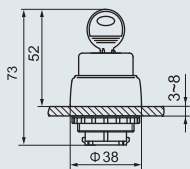
Double control button



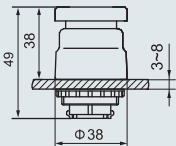
Mushroom stay-put emergency control button



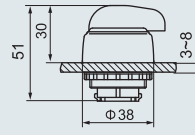
Pushbutton with indicator



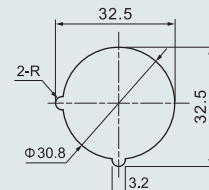
Key-operated control button



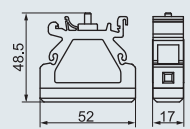
Mushroom turn-to-release emergency control button



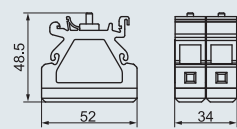
Rotary control button



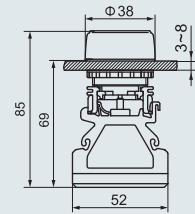
Mounting hole



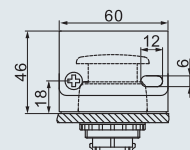
Control button, single (cover mounting)



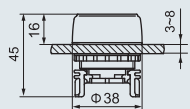
Control button, double (cover mounting)



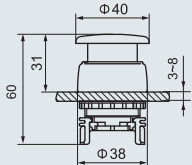
Control button cover mounting



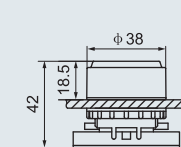
BA8050
Emergency pushbutton with stainless steel protection cover



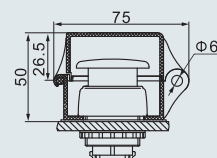
Operation for spring-return control button



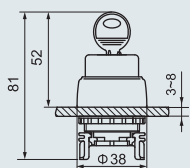
Mushroom stay-put emergency control button



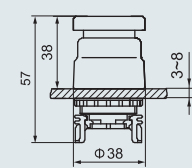
Pushbutton with indicator



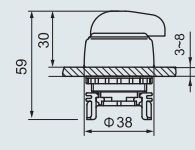
BA8050
Emergency pushbutton with PC protection cover



Key-operated control button



Mushroom turn-to-release emergency control button



Rotary control button