

Components for BZC8050 Control Stations BA8060 Series Control Buttons

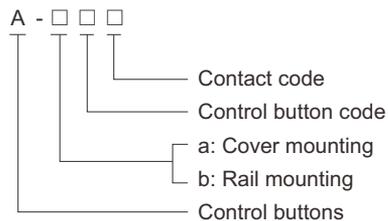


- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ 2 versions of component
 - 1 NO
 - 1 NC
- ◆ Eight different ways of operation
 - Spring-return control button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

Material of protection cover: stainless steel and PC, please specify when ordering.
- ◆ Two-wire interface, can be paralleled, the maximum wire diameter is 2.5mm².

Catalogue number logic

BA8060(A for short)



Zones 1&2; 21&22

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Selection table				
Version	Description	Contact code	Ordering code	Weight (kg)
 a: Cover mounting	 1NC	R	40090-3	0.06
	 1NO	S	40090-4	0.06
 b: Rail mounting	 1NC	R	40091-3	0.05
	 1NO	S	40091-4	0.05

Selection table of BA8160 series of explosion-proof Button operating device					
Version	Description	Code	Ordering code	Weight (kg)	
	Spring-return control button ● Red ● Green ● Yellow ● Black ○ White	a5 a7 a8 a9 a10	40092A 40092B 40092C 40092D 40092E	0.05	
	Mushroom stay-put emergency control button	Red	d	40093	0.05
	Key-operated control button	Black	e	40094	0.05
	Rotary control button	Black	b	40095	0.05
	Mushroom turn-to-release emergency control button	Red	c2	40096	0.05
	Double control button	Red/Green	h	40097	0.05
	Push button with indicator	● Red ● Green ● Yellow	i j k	40098A 40098B 40098C	0.05
	Key-operated mushroom emergency control push button	Red	l	40099	0.05

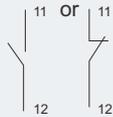


Components for BZC8050 Control Stations

BA8060 Series Control Buttons

Technical data

Control buttons BA8060

Explosion protection	
Global (IECEX)	IECEX CQM 24.0016U
Gas	Ex db eb IIC Gb
Europe (ATEX)	CML 24 ATEX 1224U
Gas	Ⓔ II 2 G Ex db eb IIC Gb
Certificates	IECEX; ATEX
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	500V AC
Rated current	10A
Contact type	
Switch capacity	AC15: Ue 480V/Ie 2.5A; Ue 240V/Ie 5A DC13: Ue 240V/Ie 0.5A; Ue 24V/Ie 5A
Mechanical life	10 ⁵ times
Electrical life	10 ⁵ times
Ambient temperature	-60 ~+90
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

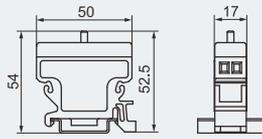


Accessories

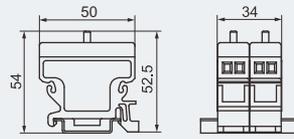
Description	Material	Ordering code	Weight (kg)	Description (Not applicable to button switch with key)	Material	Ordering code	Weight (kg)
Cover mounting bracket 	PC	40098	0.01	Emergency push button protection cover 	PC	40198	0.02
Locking mechanism 	-	40120	0.12	Emergency push button protection cover 	Stainless steel	40199	0.10

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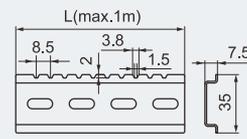
Dimension drawings (all dimensions in mm) - subject to alteration



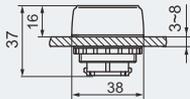
Control button, single (rail mounting)



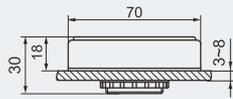
Control button, double (rail mounting)



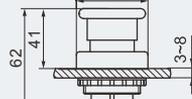
Rail



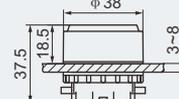
Spring-return control button



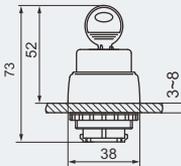
Double control button



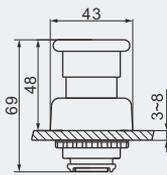
Mushroom stay-put emergency control button



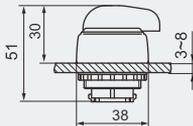
Pushbutton with indicator



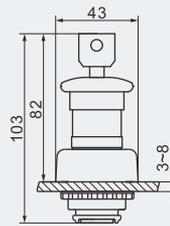
Key-operated control button



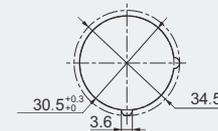
Mushroom turn-to-release emergency control button



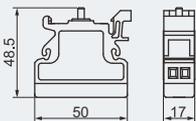
Rotary control button



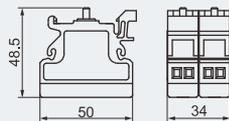
Key-operated mushroom turn-to-release emergency control push button



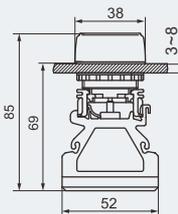
Mounting hole



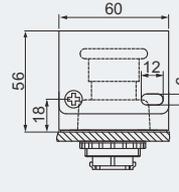
Control button, single (cover mounting)



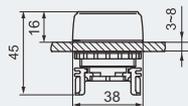
Control button, double (cover mounting)



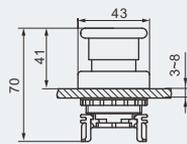
Control button cover mounting



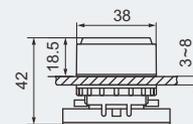
BA8050 Emergency push button with stainless steel protection cover



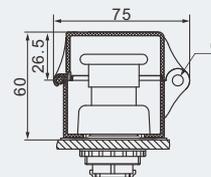
Operation for spring-return control button



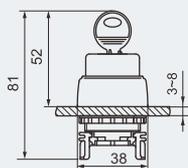
Mushroom stay-put emergency control button



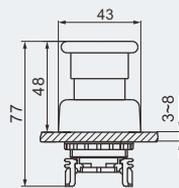
Push button with indicator



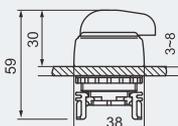
BA8050 Emergency push button with PC protection cover



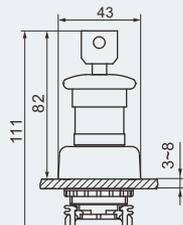
Key-operated control button



Mushroom turn-to-release emergency control button



Rotary control button



Key-operated mushroom turn-to-release emergency control push button

