Components for BZC Control Stations
HA Flameproof pushbutton

- 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 1, Groups A , B, C, D
- Five different ways of operation
  - -Spring-return pushbutton
  - -Key-operated pushbutton
  - -Mushroom stay-put emergency pushbutton
  - -Mushroom turn-to-release emergency pushbutton
  - -Rotary pushbutton
- 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

HA (A for short)

A - □ □

- Contact code
- Pushbutton code
- Pushbuttons

Technical data

HA Flameproof pushbutton

Explosion protection	
Global (IECEx)	IECEx CML 17.0161U
Gas and dust	Ex db IIC Gb Ex tb IIIC Db
Europe (ATEX)	CML 17 ATEX 1289U
Gas and dust	Ⓔx II 2 G Ex db IIC Gb Ⓔx II 2 D Ex tb IIIC Db
Certificates	IECEx; ATEX
Conformity to standards	EN 60079-0, EN 60079-1, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-31
Rated voltage	660V AC; 440V DC
Rated current	10A (for 660V AC); 6A (for 440V DC)
Degree of protection	IP66
Ambient temperature	-60℃~+70℃

Zones 1&2; 21&22

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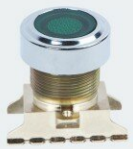
Selection table

Cover mounting	Specification		Code	Ordering code	Weight (kg)
	Spring-return pushbutton	Red	a	40036A	0.15
		Green	b	40036B	0.15
		Yellow	c	40036C	0.15
		Black	d	40036D	0.15
	Mushroom stay-put emergency pushbutton	Red	d	40037	0.27
	Key-operated mushroom stay-put emergency pushbutton	Red	d	40037A	0.30
	Mushroom turn-to-release emergency pushbutton	Red	e	40040	0.27
	Key-operated mushroom turn-to-release emergency pushbutton	Red	e	40040A	0.30
	Rotary pushbutton	Black	f	40039	0.27
	Key-operated pushbutton	Black	g	40038	0.27
	Pushbutton with indicator	Red	a	40057A	0.15
		Green	b	40057B	0.15
		Yellow	c	40057C	0.15
		Blue	d	40057D	0.15

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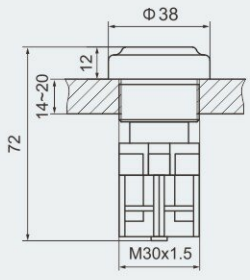
Selection table of pushbutton contact

Version	Specification	Contact code	Ordering code	Weight (kg)
Screw type	1NC	T1	40023	0.03
	1NO	S1	40024	0.03

Accessories

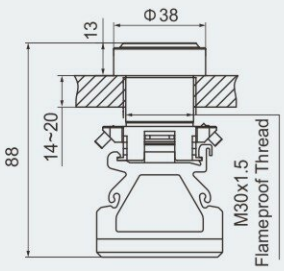
Description	Material	Ordering code	Weight (kg)
Emergency pushbutton protection cover	PC	40196	0.03
Emergency pushbutton protection cover	Stainless steel	40197	0.15

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



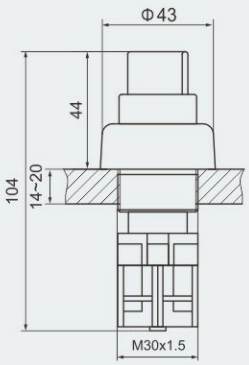
Flameproof Thread

Spring-return pushbutton

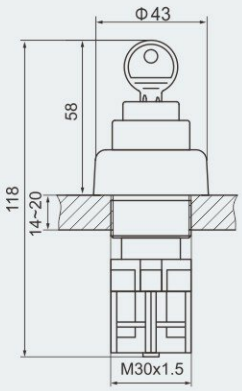


Pushbutton with indicator

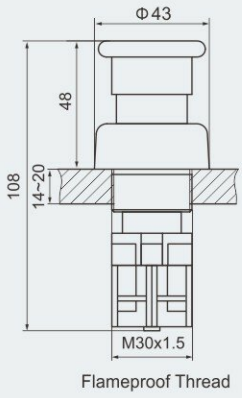
Dimension drawings (all dimensions in mm) - subject to alteration



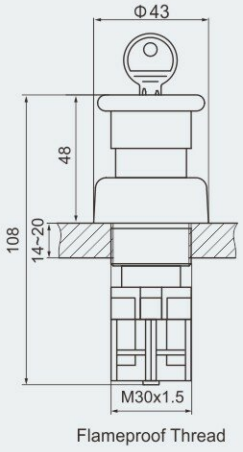
Rotary pushbutton



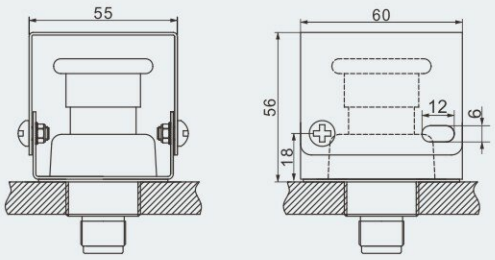
Key-operated pushbutton



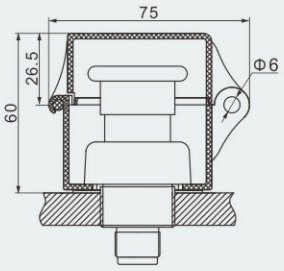
Mushroom stay-put/ turn-to-release emergency pushbutton



Key-operated mushroom stay-put emergency pushbutton



HA Emergency pushbutton with stainless steel protection cover



HA Emergency pushbutton with PC protection cover