◆ 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 push button
   -Key-operated push button
   -Mushroom stay-put emergency push button
   -Mushroom turn-to-release emergency push button
   -Rotary 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.

■ Catalogue number logic

HA (A for short)

A - ☐ ☐

   Contact code
   Push button code
   Push buttons
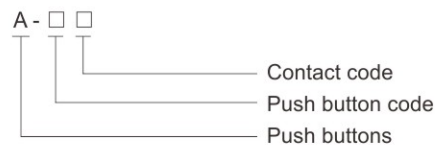
Technical data

HA Flameproof push button

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	⟨Ex⟩ II 2 G Ex db IIC Gb
	⟨Ex⟩ 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

Selection table

Cover mounting	Specification		Code	Ordering code	Weight (kg)
	Spring-return push button	🔴 Red	a	40036A	0.15
		🟢 Green	b	40036B	0.15
		🟡 Yellow	c	40036C	0.15
		⚫ Black	d	40036D	0.15
		🔵 Blue	e	40036E	0.15
		⚪ White	p	40036F	0.15
	Mushroom stay-put emergency push button	Red	f	40037	0.27
	Mushroom turn-to-release emergency push button	Red	g	40040	0.27
	Key-operated mushroom emergency push button	Red	h	40040A	0.30
	Rotary push button	Black	i	40039	0.27
	Key-operated push button	Black	j	40038	0.27
	Push button with indicator	🔴 Red	k	40057A	0.15
		🟢 Green	l	40057B	0.15
		🟡 Yellow	m	40057C	0.15
		🔵 Blue	n	40057D	0.15
		⚪ White	o	40057E	0.15

Selection table of push button contact

Version	Specification		Contact code	Ordering code	Weight (kg)
Screw type	1 ⌐ 2	1NC	T1	40023	0.03
	3 ⌐ 4	1NO	S1	40024	0.03

Accessories

Description	Material	Ordering code	Weight (kg)
Emergency push button protection cover	PC	40196	0.03
Emergency push button protection cover	Stainless steel	40197	0.15
Emergency push button warning plate	LF2	40198	0.003

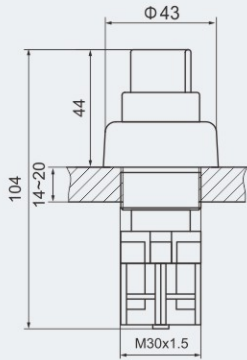### Dimension drawings (all dimensions in mm) - subject to alteration

Φ38
12
14~20
72
M30x1.5
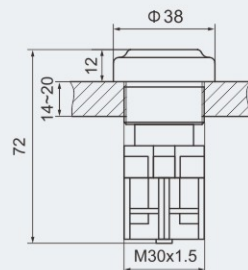
Flameproof Thread
Spring-return push button

13
Φ38
14~20
88
M30x1.5
Flameproof Thread

Push button with indicator

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

Φ43

44

104

14~20

M30x1.5

Flameproof Thread

Rotary push button

Φ43

58

118

14~20

M30x1.5
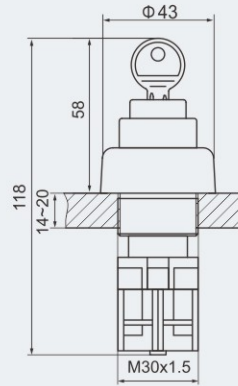
Flameproof Thread

Key-operated push button

Φ43

48

108

14~20

M30x1.5
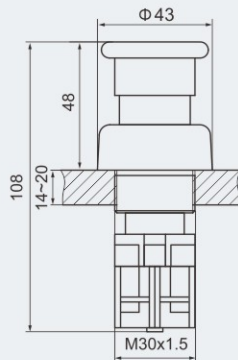
Flameproof Thread

Mushroom stay-put/ turn-to-release
emergency push button

Φ43

82

142

14~20

M30x1.5
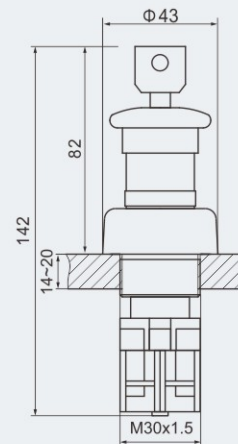
Flameproof Thread

Key-operated mushroom
emergency push button

55

60

56

18

12

6
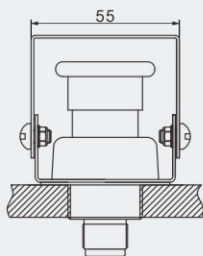
HA Emergency push button with
stainless steel protection cover

75

26.5

60

Φ6
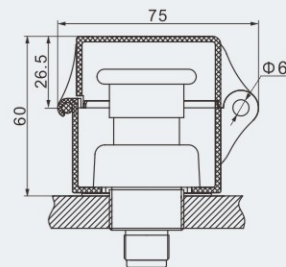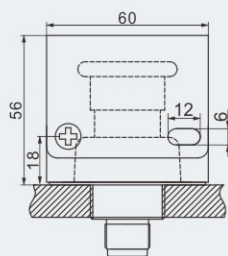
HA Emergency push button with
PC protection cover