

CZ0212 Explosion-proof signal lamp with push button module

Main technical data

Certification	Ex mark	Meet the standard
CCC	Ex d e IIC Gb / Ex ia IIC Ga	GB/T3836
IECEX	Ex db eb IIC Gb / Ex ia IIC Ga	IEC60079
ATEX	Ex II 2G Ex db eb IIC Gb / Ex ia IIC Ga	EN60079

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Intended use: Can be used in zone 0 (Ex ia), zone 1 and zone 2
 Ambient temperature : $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +60^{\circ}\text{C}$ (Ex db eb IIC) (-55°C Optional)
 $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +55^{\circ}\text{C}$ (Ex ia IIC)
 Service temperature: $-55^{\circ}\text{C} \leq T_{\text{amb}} \leq +90^{\circ}\text{C}$ (-55°C Optional)
 Degree of protection: IP20
 Terminals: $2 \times 2.5\text{mm}^2$
 Button: Rated voltage/Rated current: AC/DC 28V 100mA (Ex ia IIC)
 AC 250V/10A DC24V/1A (Ex db eb IIC)

Utilization category: AC-15, DC-13
 Signal lamp : Light source: LED Power consumption: $P_{\text{max}} \leq 1\text{W}$
 Rated voltage: 10V - 28V AC/DC (Ex ia)
 10V - 28V AC/DC
 20V - 250V AC/DC
 100V - 277V AC/DC (Ex db eb IIC)

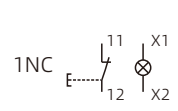
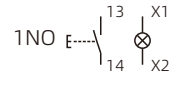
Board front rail mounting: on TS35×7.5 rail or screw fixation
 Board back mounting: on 1~6mm panel

CZ4000 Series explosion-proof operation head

Certification	Ex mark	Meet the standard
CCC	Ex eb IIC Gb Ex tb IIIC Db	GB/T3836
IECEX	Ex eb IIC Gb Ex tb IIIC Db	IEC60079
ATEX	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db	EN60079

Intended use: Can be used in zone 1 and zone 2
 Can be used in zone 21 and zone 22
 Ambient and operating temperature: $-55^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 Degree of protection: IP66
 Tighten torque: $2.8 \sim 3.4\text{ N.m}$ (M30×1.5)
 Material: polyamide

CZ0212-P□ Order specifications of board back type explosion-proof signal lamp with push button component

Illustration	Button contact	Ex mark	Voltage of signal lamp	Weight (kg)	Order No.
 Ex ia IIC Ga		Ex ia IIC Ga	10V - 28V AC/DC	0.105	7300H-P□
		Ex db eb IIC Gb	10V - 28V AC/DC	0.105	7303□-P□
			20V - 250V AC/DC	0.105	7301□-P□
			100V - 277V AC/DC	0.105	7304□-P□
 Ex db eb IIC Gb		Ex ia IIC Ga	10V - 28V AC/DC	0.105	7400H-P□
		Ex db eb IIC Gb	10V - 28V AC/DC	0.105	7403□-P□
			20V - 250V AC/DC	0.105	7401□-P□
			100V - 277V AC/DC	0.105	7404□-P□

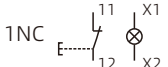
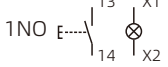
L - -40°C
 H - -55°C

Ambient temperature

Color of operation head

● R - Red ● G - Green
 ● Y - Yellow ● B - Blue
 ○ W - White

CZ0212-P □ Order specifications of board front mounting rail type explosion-proof signal lamp with push button component

Illustration	Button contact	Ex mark	Voltage of signal lamp	Weight (kg)	Order No.
 Ex ia IIC Ga		Ex ia IIC Ga	10V - 28V AC/DC	0.096	6300H-P □
		Ex db eb IIC Gb	10V - 28V AC/DC	0.096	6303 □ -P □
			20V - 250V AC/DC	0.096	6301 □ -P □
			100V - 277V AC/DC	0.096	6304 □ -P □
 Ex db eb IIC Gb		Ex ia IIC Ga	10V - 28V AC/DC	0.096	6400H-P □
		Ex db eb IIC Gb	10V - 28V AC/DC	0.096	6403 □ -P □
			20V - 250V AC/DC	0.096	6401 □ -P □
			100V - 277V AC/DC	0.096	6404 □ -P □

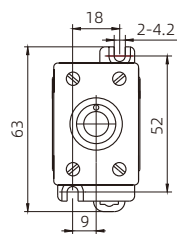
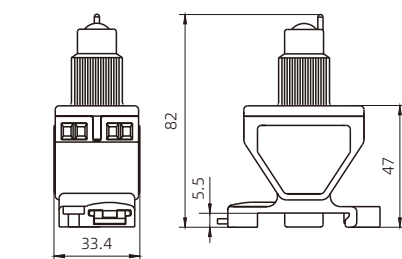
L - -40°C
H - -55°C

R - Red **G** - Green
Y - Yellow **B** - Blue
W - White

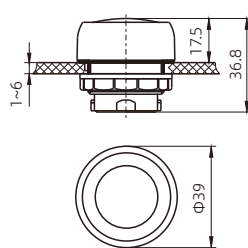
Ambient temperature
 Color of operation head

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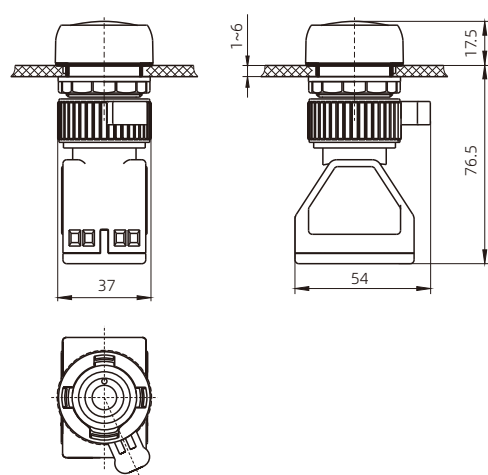
Outline dimensions



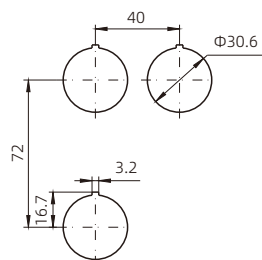
Board front mounting rail type



P □ Operation head of signal lamp with push button



Board back type



Mounting pitches