

CZ0202



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Descriptions

CZ0202 Explosion-proof signal lamp module (U certification) shall be used together with corresponding CZ4000 series operation head (U certification) and shall be mounted inside Ex e enclosure.

- Two available Ex markings: Ex db eb II C Gb / Ex ia II C Ga.
- Ex ia module shall be used together with barrier.
- IECEx international certification, ATEX European certification.
- Two low temperature ratings for option -40°C/-55°C
- Wide voltage design, four voltage ratings for option
- Inside with temperature switch protection
- Long life LED light source
- Mounting: board front rail type (on rail or screw fixation)
board back type (on panel)

Zone 0 (Ex ia)

Zone 1 and zone 2



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 II 1G Ex ia IIC Ga	EN60079

Intended use: Can be used in zone 0 (Ex ia) , zone 1 and zone 2

Ambient temperature : -55°C/-40°C≤Ta≤+60°C (-55°C Optional)

-55°C≤Ta≤+55°C (Ex ia)

Service temperature: -55°C/-40°C to + 90°C (-55°C Optional)

Degree of protection: IP20

Terminals: 2×2.5mm²

Rated voltage: 10V - 28V AC/DC — (Ex ia II C)

10V - 28V AC/DC

20V - 250V AC/DC

100V - 277V AC/DC — (Ex db eb II C)

Light source: LED

Power consumption: Pmax≤1W

Board front rail mounting: on TS35×7.5 rail or screw fixation

Board back mounting: on 1~6mm panel

Weight (board front rail type) : 0.061kg

Weight (board back type) : 0.070kg

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Order specifications

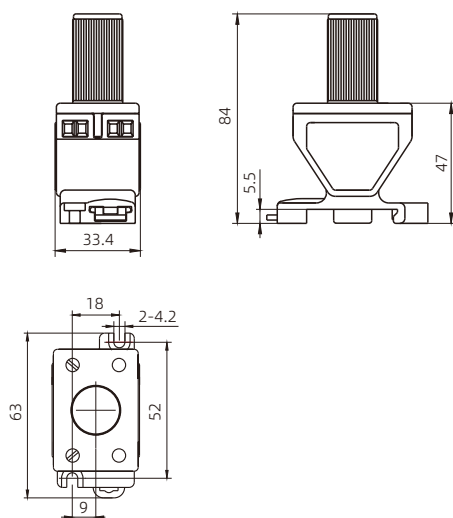
Illustration	Color of lamp	Voltage of signal lamp module	Ex mark	Order No.
	White	10V - 28V AC/DC	Ex ia II C Ga	CZ0202-□00H
	6 – Board front mounting rail type 7 – Board back type Mounting type			

Order specifications

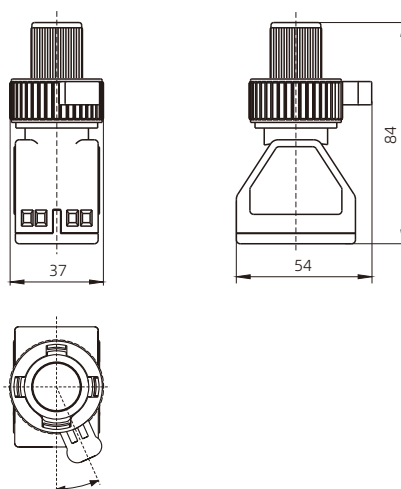
Illustration	Color of lamp	Voltage of signal lamp module	Ex mark	Order No.
	White	10V - 28V AC/DC	Ex db eb IIC Gb	CZ0202-□03□
		20V - 250V AC/DC		CZ0202-□01□
		100V - 277V AC/DC		CZ0202-□04□
6 – Board front mounting rail type 7 – Board back type Mounting type L – -40℃ H – -55℃ Ambient temperature				

Outline dimensions

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Board front mounting rail type



Board back type