

CZ0201



A

Descriptions

CZ0201 Explosion-proof switch module (U certification) shall be used together with corresponding CZ4000 series operation head (U certification) and shall be mounted inside Ex e enclosure.

- Two low temperature ratings for option -40°C/-55°C.
- Contact capacity up to 400V/16A. Contact has silver point or gold-plated type.
- Mounting: board front rail type (on rail or screw fixation) board back type (on panel) .
- IECEx international certification, ATEX European certification.
- 2-pole switch module has two separate pressing rods, each controls a group of contact. One group or two groups of contacts can be controlled by different operation heads to have different functions.
- 4-pole switch module has two separate metal pressing elements, and each controls two groups of contacts. Two groups or four groups of contacts can be controlled by different functional operation heads.
- H type 4-pole switch module (control switch, load isolation switch) has various contact diagrams for option. Besides of listed contact diagram, others can be customized. Four groups of contacts are maximum and shall be operated by special operation head.
- Type C explosion-proof switch module (with open circuit/ short circuit detection) has two groups of contacts, each group of contact has resistor especially for the contact of low-power signal current for open circuit and short circuit detection. With different functional operation head, one or two groups of contacts can be operated.

Zone 1 and zone 2



Main technical data

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

Intended use: Can be used in zone 1 and zone 2

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

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

Degree of protection: IP20

Terminals: 2×2.5mm²

Mechanical life: 1 million times

Conformity to: IEC/EN 60947-1, IEC/EN 60947-3

IEC/EN 60947-5-1

Electrical data:

AC-12	AC-15	DC-13	AC-3	AC-23
400V/16A	400V/10A	125V/2A	400V/16A	400V/16A

Rated impulse withstand voltage: 6kV

Rated short-time withstand current: 0.4kA/1s

Rated short-circuit making capacity: 0.566kA

Short-circuit protection:16A / 500V

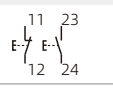
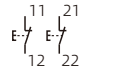
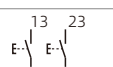
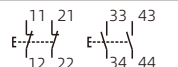
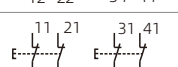
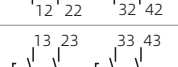
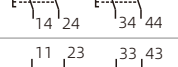
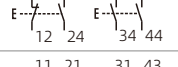
Protective characteristic: gG (conformity to IEC / EN60269-1)

Board front rail mounting: on TS35X7.5 rail or screw fixation

Board back mounting: on 1~6mm panel

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Order specifications

Illustration	Button contact	Weight (kg)		Order No.
		Board front mounting rail type	Board back type	
Board front mounting rail type  2-Pole 4-Pole	 1NC/1NO	0.069	0.080	CZ0201-□0□□
	 2NC			CZ0201-□1□□
	 2NO			CZ0201-□2□□
Board back type  2-Pole 4-Pole	 2NC/2NO	0.162	0.166	CZ0201-B□50□□
	 4NC			CZ0201-B□51□□
	 4NO			CZ0201-B□52□□
	 1NC/3NO			CZ0201-B□53□□
	 3NC/1NO			CZ0201-B□54□□

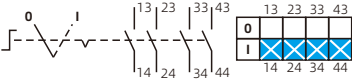
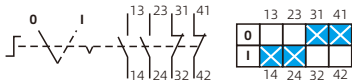
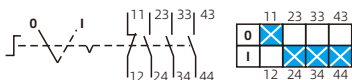
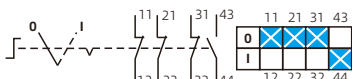
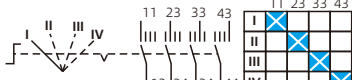
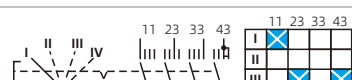
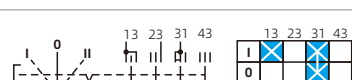
6 – Board front mounting rail type
 7 – Board back type

S – Silver
 G – Gold-plated

L – -40°C
 H – -55°C

Mounting type
 Contact materials
 Ambient temperature

Order specifications

Illustration	Button contact	Weight (kg)	Order No.
A  Control switch		0.211	CZ0201-H601 □□
		0.211	CZ0201-H602 □□
		0.211	CZ0201-H603 □□
		0.211	CZ0201-H604 □□
		0.211	CZ0201-H605 □□
		0.211	CZ0201-H606 □□
		0.211	CZ0201-H607 □□
		0.211	CZ0201-H608 □□
		0.211	CZ0201-H609 □□
		0.211	CZ0201-H610 □□
		0.211	CZ0201-H611 □□
		0.211	CZ0201-H612 □□
		0.211	CZ0201-H613 □□
		0.211	CZ0201-H614 □□

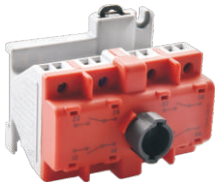
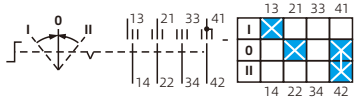
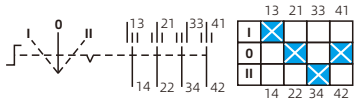
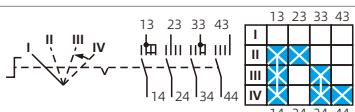
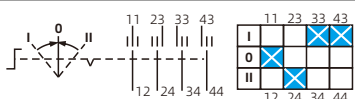
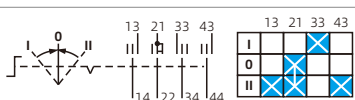
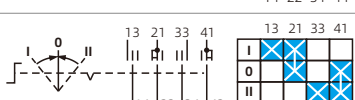
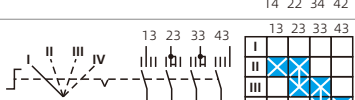
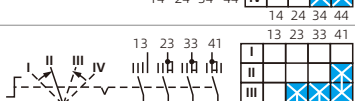
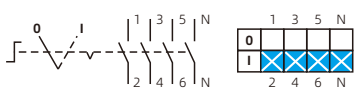
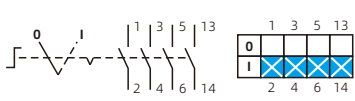
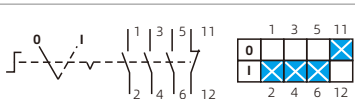
Legends

Locked

Spring-return



Order specifications

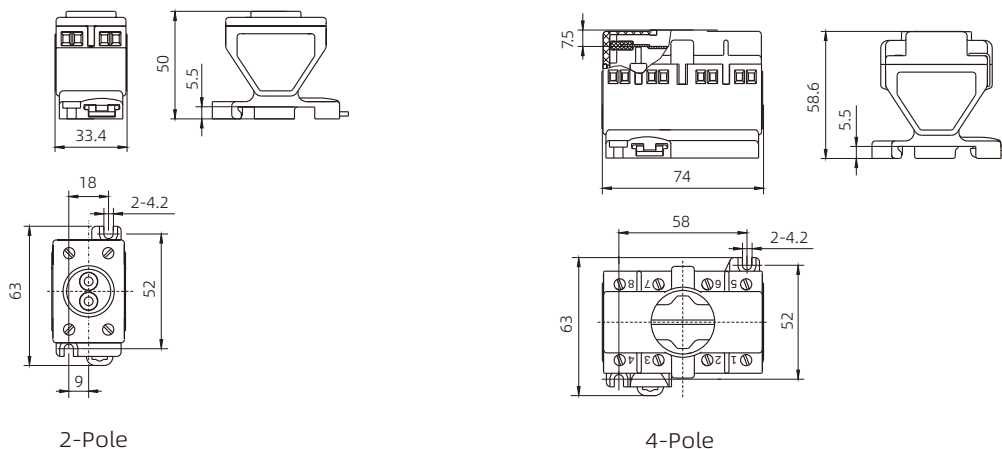
Illustration	Button contact	Weight (kg)	Order No.
 Control switch		0.211	CZ0201-H618□□
		0.211	CZ0201-H626□□
		0.211	CZ0201-H631□□
		0.211	CZ0201-H637□□
		0.211	CZ0201-H646□□
		0.211	CZ0201-H650□□
		0.211	CZ0201-H656□□
		0.211	CZ0201-H659□□
		0.211	CZ0201-H660□□
		0.211	CZ0201-H668□□
		0.211	CZ0201-H674□□
Load switch		0.211	CZ0201-H697□□
		0.211	CZ0201-H698□□
		0.211	CZ0201-H699□□

S – Silver
 G – Gold-plated
 L – -40°C
 H – -55°C

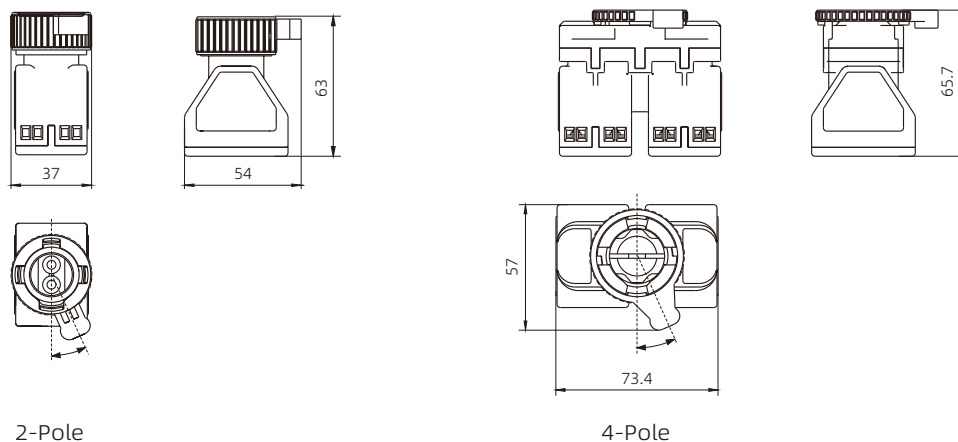
Contact materials

Ambient temperature

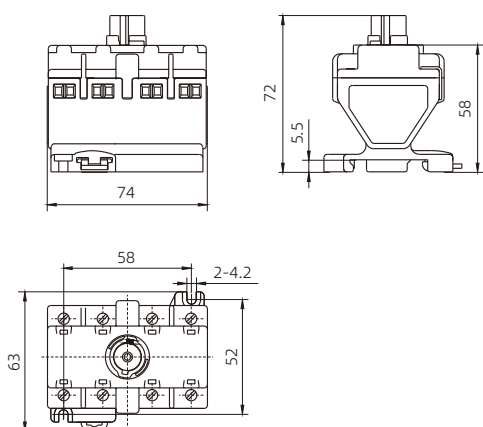
Outline dimensions



CZ0201 Broad front mounting rail type explosion-proof switch module



CZ0201 Board back type explosion-proof switch module



CZ0201 Board front mounting rail type explosion-proof H 4-Pole switch module