



فرست اوتوماشن

# Push Buttons

Series CZ0240



## Prodcuts Features

- Sintered markings on label inserts of pushbuttons can be remained forever.
- The rated current of explosion-proof switches for panel mounting is up to 16A and the mechanical life is 1,000,000 times. There are silver or gold-platead silver contact points for options.
- Explosion-proof signal lamps for panel mounting have high brightness, long life. The electric life is more than 100,000 hours.
- Degree of protection IP66.
- IECEx International Certification, ATEX European Approval.



## Product Parameter

<b>Product type:</b>	CZ0240/9 Explosion-proof 4-Pole push button, switch for panel mounting
<b>Certification:</b>	CCC IECEX ATEX
<b>Application range (zones):</b>	2G/Gb/zone 1; 2D/Db/zone 21
<b>Min.ambient temperature:</b>	-40°C
<b>Max.ambient temperature:</b>	+50°C
<b>Degree of protection:</b>	IP66
<b>Rated voltage:</b>	400V
<b>Rated current:</b>	max 16A
<b>Terminals:</b>	2×2.5mm <sup>2</sup>
<b>PE terminals:</b>	4mm <sup>2</sup>
<b>Material of enclosure:</b>	Alloy plastic of static resistance
<b>Cable entry:</b>	Molded plastic 1×M20, cable outer diameter Φ5.5 ~ 13mm (Standard configure) .





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Contact

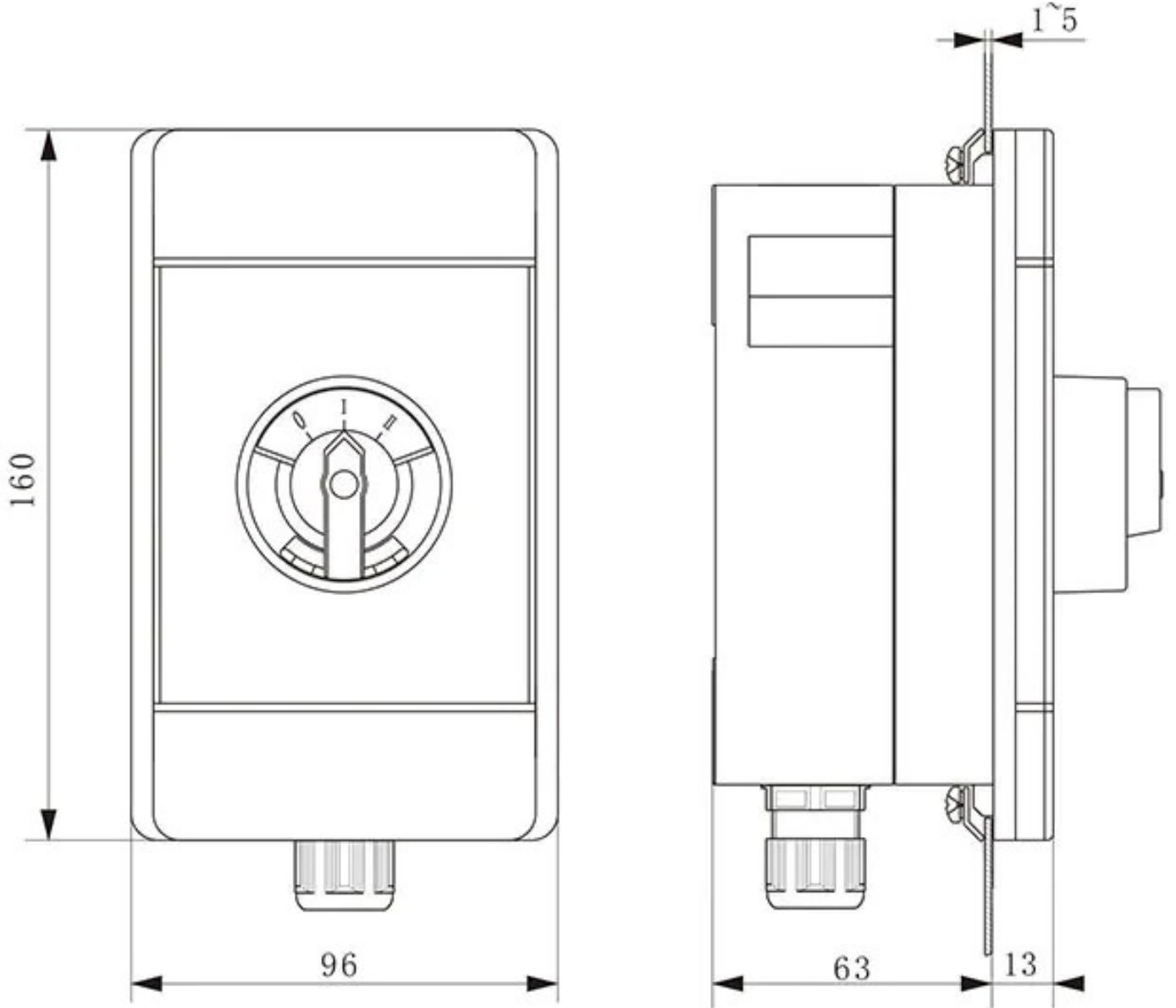
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Illustration	Order No.	Illustration	Order No.	
 <p>CZ0240/9-P1</p>	CZ0240/9-505-P100	 <p>CZ0240/9-Y11, Y31</p>	CZ0240/9-505-Y610S01	
	CZ0240/9-500-P100		CZ0240/9-500-Y610S01	
	CZ0240/9-515-P100		CZ0240/9-515-Y610S01	
	CZ0240/9-510-P100		CZ0240/9-510-Y610S01	
	CZ0240/9-525-P100		CZ0240/9-525-Y610S01	
	CZ0240/9-520-P100		CZ0240/9-520-Y610S01	
	CZ0240/9-535-P100		CZ0240/9-535-Y610S01	
	CZ0240/9-530-P100		CZ0240/9-530-Y610S01	
	CZ0240/9-545-P100		CZ0240/9-545-Y610S01	
	CZ0240/9-540-P100		CZ0240/9-540-Y610S01	
	CZ0240/9-505-P200		CZ0240/9-505-Y310S10	
	CZ0240/9-500-P200		CZ0240/9-500-Y310S10	
CZ0240/9-515-P200	CZ0240/9-515-Y310S10			
CZ0240/9-510-P200	CZ0240/9-510-Y310S10			
CZ0240/9-525-P200	CZ0240/9-525-Y310S10			
CZ0240/9-520-P200	CZ0240/9-520-Y310S10			
CZ0240/9-535-P200	CZ0240/9-535-Y310S10			
CZ0240/9-530-P200	CZ0240/9-530-Y310S10			
CZ0240/9-545-P200	CZ0240/9-505-Y21B			
CZ0240/9-540-P200	CZ0240/9-500-Y21B			
CZ0240/9-505-P4□	CZ0240/9-515-Y21B	 <p>CZ0240/9-Y21B</p>	CZ0240/9-510-Y21B	
CZ0240/9-500-P4□	CZ0240/9-525-Y21B			
CZ0240/9-515-P4□	CZ0240/9-520-Y21B			
CZ0240/9-510-P4□	CZ0240/9-535-Y21B			
CZ0240/9-525-P4□	CZ0240/9-530-Y21B			
CZ0240/9-520-P4□	CZ0240/9-545-Y21B			
CZ0240/9-535-P4□	CZ0240/9-540-Y21B			
CZ0240/9-530-P4□	CZ0240/9-505-Y21E			
CZ0240/9-545-P4□	CZ0240/9-500-Y21E		 <p>CZ0240/9-Y21E</p>	CZ0240/9-515-Y21E
CZ0240/9-540-P4□	CZ0240/9-510-Y21E			
CZ0240/9-505-P5□	CZ0240/9-525-Y21E			
CZ0240/9-500-P5□	CZ0240/9-520-Y21E			
CZ0240/9-515-P5□	CZ0240/9-535-Y21E			
CZ0240/9-510-P5□	CZ0240/9-530-Y21E			
CZ0240/9-525-P5□	CZ0240/9-545-Y21E			
CZ0240/9-520-P5□	CZ0240/9-540-Y21E			
CZ0240/9-535-P5□				
CZ0240/9-530-P5□				
CZ0240/9-545-P5□				
CZ0240/9-540-P5□				



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# Push Buttons

Series CZ0240



Illustration	Order No.	Illustration	Order No.
 <p>CZ0240/P6</p> <p>Color of operation head</p> 	CZ0240/9-50S-P6	 <p>CZ0240/KB</p>	CZ0240/9-50S-KB6102
	CZ0240/9-50G-P6		CZ0240/9-50G-KB6102
	CZ0240/9-51S-P6		CZ0240/9-52S-KB6101
	CZ0240/9-51G-P6		CZ0240/9-52G-KB6101
	CZ0240/9-52S-P6		CZ0240/9-54S-KB6101
	CZ0240/9-52G-P6		CZ0240/9-54G-KB6101
	CZ0240/9-53S-P6		CZ0240/9-52S-KB4104
	CZ0240/9-53G-P6		CZ0240/9-52G-KB4104
	CZ0240/9-54S-P6		CZ0240/9-52S-KB5104
	CZ0240/9-54G-P6		CZ0240/9-52G-KB5104
 <p>CZ0240/P7</p> <p>Color of operation head</p> 	CZ0240/9-50S-P7	CZ0240/9-52S-KB8104	
	CZ0240/9-50G-P7	CZ0240/9-52G-KB8104	
	CZ0240/9-51S-P7	CZ0240/9-50S-KB4103	
	CZ0240/9-51G-P7	CZ0240/9-50G-KB4103	
	CZ0240/9-52S-P7	CZ0240/9-50S-KB5103	
	CZ0240/9-52G-P7	CZ0240/9-50G-KB5103	
	CZ0240/9-53S-P7	CZ0240/9-50S-KB8105	
	CZ0240/9-53G-P7	CZ0240/9-50G-KB8105	
	CZ0240/9-54S-P7	CZ0240/9-50S-SB6102	
	CZ0240/9-54G-P7	CZ0240/9-50G-SB6102	
 <p>CZ0240/P3E</p>	CZ0240/9-50S-P3E	CZ0240/9-52S-SB6101	
	CZ0240/9-50G-P3E	CZ0240/9-52G-SB6101	
	CZ0240/9-51S-P3E	CZ0240/9-54S-SB6101	
	CZ0240/9-51G-P3E	CZ0240/9-54G-SB6101	
	CZ0240/9-52S-P3E	CZ0240/9-52S-SB4104	
	CZ0240/9-52G-P3E	CZ0240/9-52G-SB4104	
	CZ0240/9-53S-P3E	CZ0240/9-52S-SB5104	
	CZ0240/9-53G-P3E	CZ0240/9-52G-SB5104	
	CZ0240/9-54S-P3E	CZ0240/9-52S-SB8104	
	CZ0240/9-54G-P3E	CZ0240/9-52G-SB8104	
 <p>CZ0240/V61</p> <p>Color of operation head</p> 	CZ0240/9-50S-V6101	CZ0240/9-50S-SB4103	
	CZ0240/9-50G-V6101	CZ0240/9-50G-SB4103	
	CZ0240/9-51S-V6101	CZ0240/9-50S-SB5103	
	CZ0240/9-51G-V6101	CZ0240/9-50G-SB5103	
	CZ0240/9-52S-V6101	CZ0240/9-50S-SB8105	
	CZ0240/9-52G-V6101	CZ0240/9-50G-SB8105	
	CZ0240/9-53S-V6101		
	CZ0240/9-53G-V6101		
	CZ0240/9-54S-V6101		
	CZ0240/9-54G-V6101		



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# Push Buttons

Series CZ0240



CZ0240/9-H

- CZ0240/9-H601S-HB3101
- CZ0240/9-H601G-HB3101
- CZ0240/9-H602S-HB3101
- CZ0240/9-H602G-HB3101
- CZ0240/9-H603S-HB3101
- CZ0240/9-H603G-HB3101
- CZ0240/9-H604S-HB3101
- CZ0240/9-H604G-HB3101
- CZ0240/9-H605S-HB4104
- CZ0240/9-H605G-HB4104
- CZ0240/9-H606S-HB3103
- CZ0240/9-H606G-HB3103
- CZ0240/9-H607S-HB3102
- CZ0240/9-H607G-HB3102
- CZ0240/9-H608S-HB3102
- CZ0240/9-H608G-HB3102
- CZ0240/9-H609S-HB4105
- CZ0240/9-H609G-HB4105

- CZ0240/9-H610S-HB3103
- CZ0240/9-H610G-HB3103
- CZ0240/9-H611S-HB3103
- CZ0240/9-H611G-HB3103
- CZ0240/9-H612S-HB4104
- CZ0240/9-H612G-HB4104
- CZ0240/9-H613S-HB3103
- CZ0240/9-H613G-HB3103
- CZ0240/9-H614S-HB3103
- CZ0240/9-H614G-HB3103
- CZ0240/9-H618S-HB3103
- CZ0240/9-H618G-HB3103
- CZ0240/9-H626S-HB4104
- CZ0240/9-H626G-HB4104
- CZ0240/9-H631S-HB3103
- CZ0240/9-H631G-HB3103
- CZ0240/9-H637S-HB3105
- CZ0240/9-H637G-HB3105

- CZ0240/9-H650S-HB3103
- CZ0240/9-H650G-HB3103
- CZ0240/9-H646S-HB4104
- CZ0240/9-H646G-HB4104
- CZ0240/9-H656S-HB3103
- CZ0240/9-H656G-HB3103
- CZ0240/9-H659S-HB3103
- CZ0240/9-H659G-HB3103
- CZ0240/9-H660S-HB4104
- CZ0240/9-H660G-HB4104
- CZ0240/9-H668S-HB4104
- CZ0240/9-H668G-HB4104
- CZ0240/9-H697S-H□3101
- CZ0240/9-H697G-H□3101
- CZ0240/9-H698S-H□3101
- CZ0240/9-H698G-H□3101
- CZ0240/9-H699S-H□3101
- CZ0240/9-H699G-H□3101



CZ0240/9-Y

- CZ0240/9-50S-Y610S01
- CZ0240/9-50G-Y610S01
- CZ0240/9-52S-Y610S01
- CZ0240/9-52G-Y610S01
- CZ0240/9-54S-Y610S01
- CZ0240/9-54G-Y610S01
- CZ0240/9-52S-Y410S04
- CZ0240/9-52G-Y410S04
- CZ0240/9-52S-Y510S04
- CZ0240/9-52G-Y510S04
- CZ0240/9-52S-Y810S04
- CZ0240/9-52G-Y810S04
- CZ0240/9-50S-Y410S04
- CZ0240/9-50G-Y410S04
- CZ0240/9-50S-Y510S04
- CZ0240/9-50G-Y510S04



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## Optional Ex components



| CZ0220 Series Plastic stopping plugs, the reducer



| CZ0221 Metal cable glands



| CZ0220 Series Plastic cable glands, stopping plugs



| CZ0226 Increased safety cable glands



| CZ0527, CZ1725/27 Increased safety breathing, drainage valve



| CZ0227 Increased safety metal cable glands



| CZ1725/1C Metal cable glands



| CZ1725/2A Metal cable glands



| CZ1725/3A Metal stopping plug



| CZ1725/1A Metal cable glands



| CZ1725/4A The reducer



| CZ1725/1B Metal cable glands





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## Optional Ex components



| CZ4000 Series explosion-proof operation head



| Board front mounting rail type, board back type explosion-proof module



| Explosion-proof module + operation head






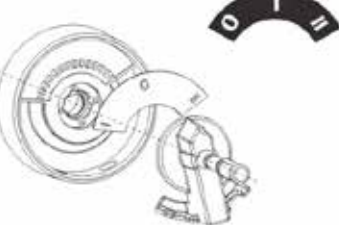
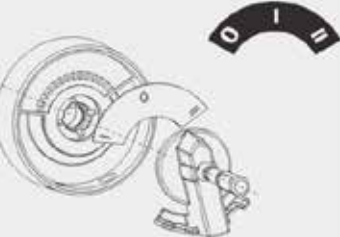





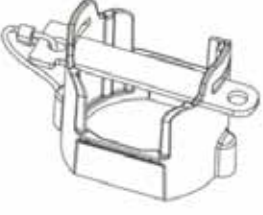
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## Accessories

	<p>K000-□ Switch label Code: 01, 02, 03, 04, 05, 06, 100</p>		<p>S000-□ Switch label Code: 01, 02, 03, 04, 05, 51, 100</p>
	<p>H000-□ 4-pole switch label Code: 01, 02, 03, 04, 05, 51, 100</p>		<p>Y000-□ Switch label of key switch Code: 01, 02, 03, 04, 05, 10</p>
	<p>P000-□ Push button label</p>		
	<p>CZ4000-4019/3-6 Safety Latch (for board front mounting rail type) Used for P1 push button and K□ switch operation head</p>		<p>CZ4000-4019/1-6 Safety Latch (For board front mounting rail type) Used for P3, P4, P6 push button operation head</p>
	<p>CZ4000-4019/3-7 Safety Latch (For panel mounting ) Used for P1 push button and K□ switch operation head</p>		<p>CZ4000-4019/1-7 Safety Latch (For panel mounting)Used for P3, P4, P6 push button operation head</p>
	<p>CZ4000-4019/4-6 Constant pressure type safety latch (For board front mounting rail type) Used for P1 push button operation head</p>		<p>CZ4000-4019/2-6 Safety Latch (For board front mounting rail type) Used for P3, P6 push button operation head</p>
	<p>CZ4000-4019/4-7 Constant pressure type safety latch ( For panel mounting ) Used for P1 push button operation head</p>		<p>CZ4000-4019/2-7 Safety Latch (For panel mounting ) Used for P3, P6 push button operation head</p>



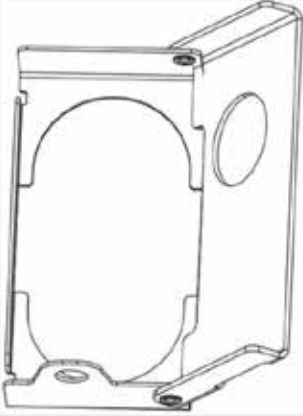




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## Accessories

	<p>CZ4000-4019/5 Safety Latch Used for P2 double push button operation head</p>		
			<p>For label of <math>\Phi 39</math>mm, laser markings in 1~2 lines CZ4000-4031/1</p>
			<p>For label of <math>\Phi 39</math>mm, laser markings in 2~3 lines CZ4000-4031/6</p>
			<p>For label of <math>\Phi 39</math>mm, laser markings in 1~2 lines CZ4000-4031/4</p>
			<p>Yellow labels for E-stop pushbuttons are used for operation heads of <math>\Phi 40</math>mm CZ4003-4003/20</p>








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## Accessories

	<p>Yellow labels for E-stop pushbuttons are used for operation heads of <math>\Phi 40\text{mm}/\Phi 55\text{mm}</math> CZ4000-4003/10</p>
	<p>Spanners are used to tighten plastic nuts M30x1.5 4000-4006</p>
	<p>Brass padlock B1730</p>
	<p>Spare key is general-purpose Y001-G01</p>
	<p>Flexible cable 2x0.75mm<sup>2</sup> 3x0.75mm<sup>2</sup> 4x0.75mm<sup>2</sup> 2x1.5mm<sup>2</sup> 4x1.5mm<sup>2</sup> Flexible cable, length 3m RVV 2x0.75/3 RVV 3x0.75/3 RVV 4x0.75/3 RVV 2x1.5/3 RVV 4x1.5/3</p>