

CZ0205 Explosion-proof ammeter (milammeter), voltmeter module

Main technical data

Certification	Ex mark	Meet the standard
China	Ex e IIC Gb (Ammeter) / Ex e mb IIC Gb (Voltmeter, Ammeter)	GB/T3836
IECEX	Ex eb IIC Gb (Ammeter) / Ex eb mb IIC Gb (Voltmeter, Ammeter)	IEC60079
ATEX	Ex II 2G Ex eb IIC Gb (Ammeter) / Ex II 2G Ex eb mb IIC Gb (Voltmeter, Ammeter)	EN60079

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

Operating temperature: -40°C..+ 95°C

Ammeter framework: Electromagnetic

Accuracy class: 1.5

Overload scale: 2 times, 5 times

Terminals: 2×2.5mm²

Conformity to: 2460

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°C~ +65°C

Degree of protection: IP66

Tighten torque: 2.8 ~ 3.4 N.m (M30×1.5)

Material: polyamide

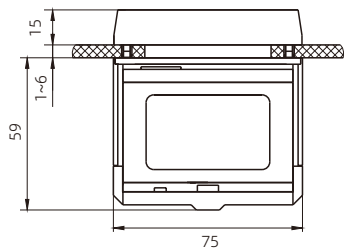
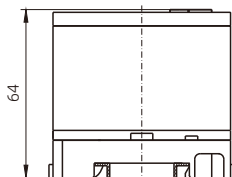
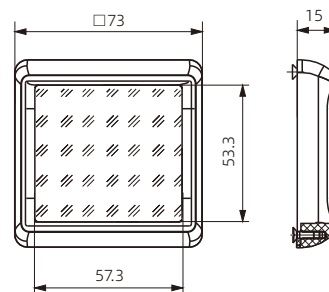
CZ0205-EXM Order specifications of board front mounting rail type, board back type explosion-proof ammeter (milammeter), voltmeter component

Illustration	Type	Specification	Weight (kg)	Order No.	
<div></div> <div></div> <div>M1M2</div>	Voltmeter(AC)	0-25V	0.210	☐ V25-M	
		0-40V		☐ V40-M	
		0-150V		☐ V150-M	
		0-250V		☐ V250-M	
		0-500V		☐ V500-M	
	Ammeter (Milammeter)(DC)	0-20/40mA	0.211	☐ mA11/ ☐ ☐ -M	
		4-20//40mA		☐ mA12/ ☐ ☐ -M	
	<div><div>6 – Board front mounting rail type</div><div>7 – Board back type</div><div>Scale</div><div><div>M1 Calotte</div><div>M2 Calotte with label</div></div></div>				
	<div>Ex mark</div> <div>Ex e mb IIC Gb</div> <div>Ex II 2GD Ex eb mb IIC Gb</div>				

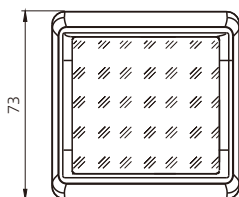
CZ0205-EXM □ Order specifications of board front mounting rail type, board back type explosion-proof ammeter component

Illustration	Measuring way	Overload scale	Measuring range	Weight (kg)	Order No.				
	Direct measuring	2	0-1 / 2A	0.157	☐ A1-M ☐				
			0-5 / 10A		☐ A5-M ☐				
			0-10 / 20A		☐ A10-M ☐				
	For current transformer	2	0-1 / 2A	0.158	☐ A01 / ☐ 2-M ☐				
			0-2.5 / 5A		☐ A2.5 / ☐ 2-M ☐				
			0-5 / 10A		☐ A5 / ☐ 2-M ☐				
			0-15 / 30A		☐ A15 / ☐ 2-M ☐				
			0-25 / 50A		☐ A25 / ☐ 2-M ☐				
			0-40 / 80A		☐ A40 / ☐ 2-M ☐				
			0-50 / 100A		☐ A50 / ☐ 2-M ☐				
			0-60 / 120A		☐ A60 / ☐ 2-M ☐				
			0-75 / 150A		☐ A75 / ☐ 2-M ☐				
			0-100 / 200A		☐ A100 / ☐ 2-M ☐				
			0-150 / 300A		☐ A150 / ☐ 2-M ☐				
			0-200 / 400A		☐ A200 / ☐ 2-M ☐				
			0-250 / 500A		☐ A250 / ☐ 2-M ☐				
			0-300 / 600A		☐ A300 / ☐ 2-M ☐				
			0-400 / 800A		☐ A400 / ☐ 2-M ☐				
			0-500 / 1000A		☐ A500 / ☐ 2-M ☐				
			0-600 / 1200A		☐ A600 / ☐ 2-M ☐				
			 M1  M2		For current transformer	5	0-1 / 5A	0.152	☐ A01 / ☐ 5-M ☐
							0-2.5 / 12.5A		☐ A2.5 / ☐ 5-M ☐
							0-5 / 25A		☐ A5 / ☐ 5-M ☐
0-15 / 75A	☐ A15 / ☐ 5-M ☐								
0-25 / 125A	☐ A25 / ☐ 5-M ☐								
0-40 / 200A	☐ A40 / ☐ 5-M ☐								
0-50 / 250A	☐ A50 / ☐ 5-M ☐								
0-60 / 300A	☐ A60 / ☐ 5-M ☐								
0-75 / 375A	☐ A75 / ☐ 5-M ☐								
0-100 / 500A	☐ A100 / ☐ 5-M ☐								
0-150 / 750A	☐ A150 / ☐ 5-M ☐								
0-200 / 1000A	☐ A200 / ☐ 5-M ☐								
0-250 / 1250A	☐ A250 / ☐ 5-M ☐								
0-300 / 1500A	☐ A300 / ☐ 5-M ☐								
0-400 / 2000A	☐ A400 / ☐ 5-M ☐								
0-500 / 2500A	☐ A500 / ☐ 5-M ☐								
0-600 / 3000A	☐ A600 / ☐ 5-M ☐								
<div><div>6 – Board front mounting rail type 7 – Board back type</div><div><div>5 – 5A 1 – 1A</div><div>Connect to the secondary current transformer</div></div><div><div>M1 Calotte M2 Calotte with label</div></div></div>									
防爆标志 Ex mark Ex e IIC Gb II 2GD Ex eb IIC Gb									

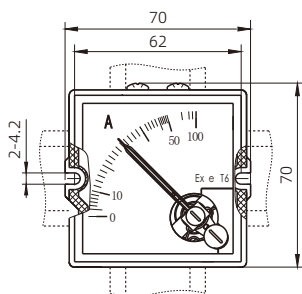
Outline dimensions



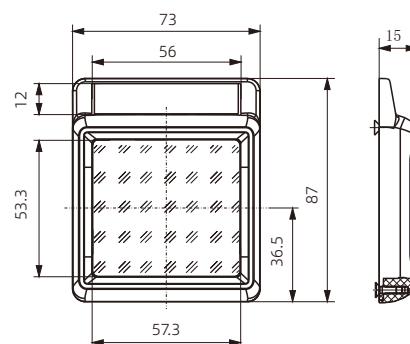
CZ4000-M1
Calotte



Board back type
explosion-proof
milammeter module



Board front mounting rail
type explosion-proof
milammeter module



CZ4000-M2
Calotte with label

Board front mounting rail type ammeter module can be mounted on either vertical or horizontal rails, just to change the direction of mounting base.

Aperture dimensions

