

# Hermetically Sealed Relay

## KZX-8215M



- Metal sealed structure
- Adapt to various complex working conditions
- High sensitive
- Compact structure
- Pin insertion structure/welding type
- Easy installation
- Stable and reliable use

### Product Description

KZX-8215M small sealed electromagnetic relay is mainly used in industrial automation signal control, electrical signal control and other fields.

### Model Number Structure

<b>KZX8215M</b>	<b>048</b>	<b>-1</b>	<b>-4Z</b>	<b>-1</b>	<b>-1</b>
KZX8215M Series	Rated voltage 012:12VDC 024:24VDC 048:48VDC 110:110VDC	Installation 1: Without supporting feet 2: With supporting feet	Contact 2Z:2 sets of conversions 4Z:4 sets of conversions	Output 0: Circular pin 1: Male tab	Fit clamps 0: N 1: Y

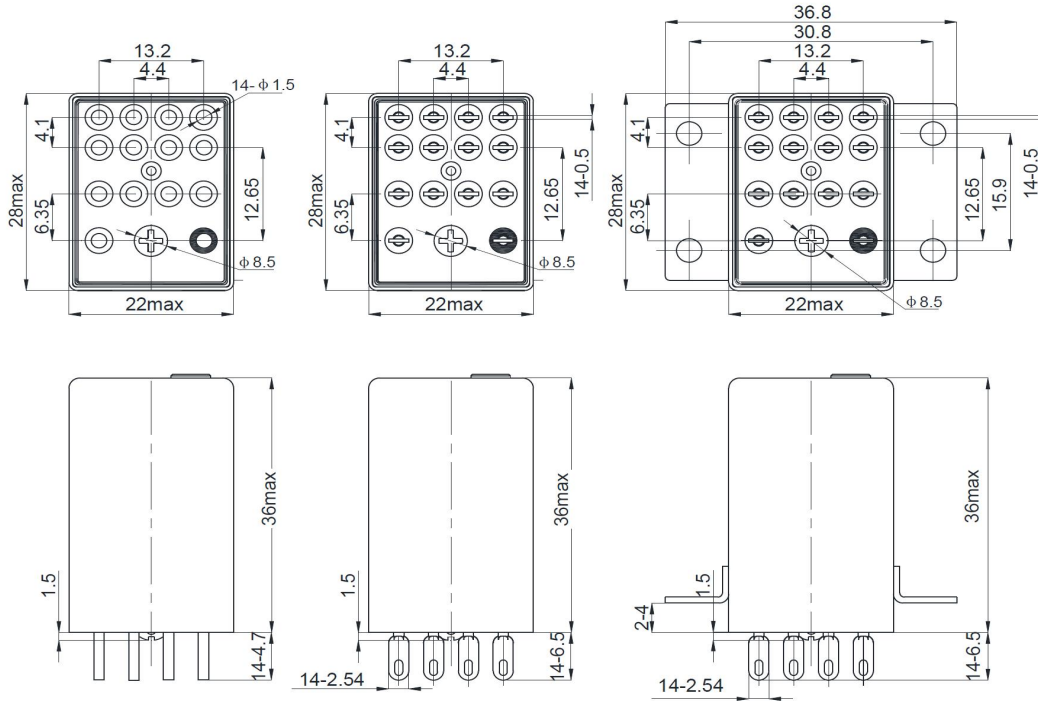
### Technical Data

Rated voltage (Vd.c.)	12	24	48	110
Coil Resistance ( $\Omega$ )	180	640	2600	13000
Must operate voltage max (Vd.c.)	9.6	19.2	38	88
Must release voltage min (Vd.c.)	1.2	2.4	4.8	11
Dielectric strength [50/60Hz]	Between coils and contacts	500Vr.m.s.		
	Between contacts	500Vr.m.s.		
Power consumption (W)	≈0.9			
Contact Form	2Z、4Z			
Operate time/release time (ms)	≤20			
Operate bounce time/Release bounce time (ms)	≤15			
Insulation resistance (m $\Omega$ )	≤100			
Rated load (resistive)	2Z/3Z	5A/250VAC,30Vd.c., 1*10 <sup>5</sup> 次		
	4Z	3A/250VAC,30Vd.c., 1*10 <sup>5</sup> 次		
Electrical Endurance (times)	1A/48VDC	5*10 <sup>4</sup>		
leakage (Pa·cm <sup>3</sup> /s)	≤1*10 <sup>0</sup>			
Vibration resistance	10Hz~500Hz, 49m/s <sup>2</sup> (5g)			
Shock resistance	490m/s <sup>2</sup> (50g) , 11ms			

Ambient temperature	Operating: -40 to 70°C
Ambient humidity	Operating: 5% to 85%
Weight (g)	≤80

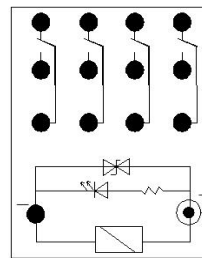
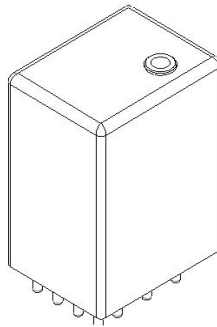
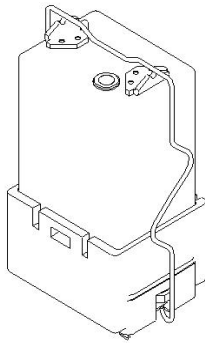
**Dimensions**

47:



Installation method 1

Installation method 2



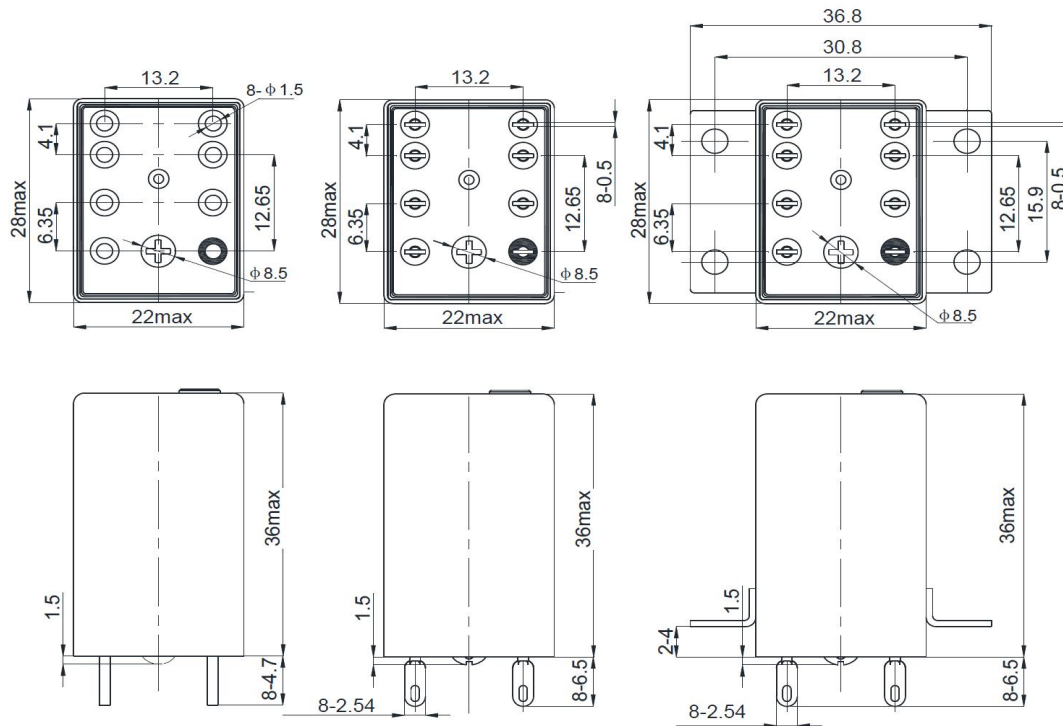
Colored insulators

Clamp installation 1

Clamp installation 0

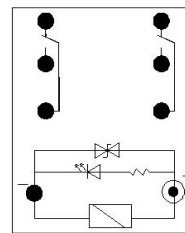
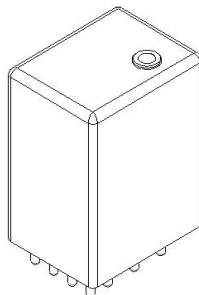
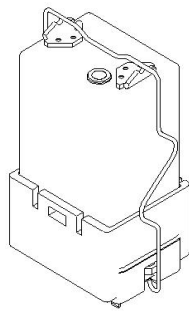
4Z bottom view circuit diagram

2Z:



Installation method 1

Installation method 2



Colored insulators

Clamp installation 1

Clamp installation 0

2Z bottom view circuit diagram

**Note**

1. All dimensions not specified are  $\pm 0.2$ ;
2. The specifications can be increased according to user requirements, and the installation method can be designed according to user requirements.

**Product Certification**



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