



20.5×10.6×15.6

JZC-33F

COC 03001003510

R50126380 c  US E160644

Features

- 5A, 10A switching capabilities.
- Subminiature, standard PC layout.
- Sealed & Unsealed types available.

Ordering Information

JZC-33F C S 10 DC12V 0.45

1 2 3 4 5 6

1 Part number: JZC-33F

2 Contact arrangement: A:1A; C:1C

3 Enclosure: S:Sealed type; Z:Dust cover

4 Contact current: 5A, 10A

5 Coil rated voltage(V): DC:3,5,6,9,12,18,24

6 Coil power consumption: 0.2:0.2W; 0.45:0.45W

Contact Data

Contact Arrangement	1A (SPSTNO) 1C (SPDT (B-M))		
Contact Material	Ag SilverAlloy		
Contact Rating(resistive)	1A:5A/250VAC,30VDC;10A/125VAC 1C:NO:5A/250VAC,30VDC;10A/125VAC NC:5A/250VAC,30VDC Motor load:1/4HP 277VAC Lamp load:TV-5		
Max. Switching Power	150W	1250VA	
Max. Switching Voltage	30VDC	277VAC	Max.Switching Current:10A
Contact Resistance or Voltage drop	<100mΩ (1A/24VDC)	Item 4.12 of IEC 61810-7	
Operational life	Electrical	10 ⁵	Item 4.30 of IEC 61810-7
	Mechanical	10 ⁷	Item 4.31 of IEC 61810-7

CAUTION: 1.For the intermediate current, it only applies to the room temperature.

Coil Parameter

Dash numbers	Rated voltage VDC		Coil resistance Ω ±10%	Pickup voltage V(max) (75%of rated Volt)	Release voltage VDC(min) (5%of rated Volt)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-200	3	3.3	45	2.25	0.15	0.20	<8	<5
005-200	5	5.5	125	3.75	0.25			
006-200	6	6.6	180	4.50	0.30			
009-200	9	9.9	405	6.75	0.45			
012-200	12	13.2	720	9.00	0.60			
018-200	18	19.8	1620	13.5	0.90			
024-200	24	26.4	2880	18.0	1.20			
003-450	3	3.3	20	2.25	0.15	0.45	<8	<5
005-450	5	5.5	56	3.75	0.25			
006-450	6	6.6	80	4.50	0.30			
009-450	9	9.9	180	6.75	0.45			
012-450	12	13.2	320	9.00	0.60			
018-450	18	19.8	720	13.5	0.90			
024-450	24	26.4	1280	18.0	1.20			

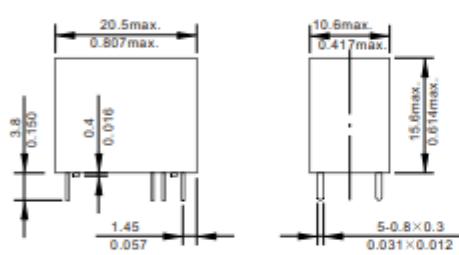
Operation condition

Insulation Resistance	100M Ω min (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength Between contacts Between contact and coil	50Hz 1000V 50Hz 4000V	Item 6 of IEC 60255-5 Item 6 of IEC 60255-5
Shock resistance	100m/s ² 11ms	IEC 68-2-27 Test Ea
Vibration resistance	10Hz~50Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc
Terminals strength	10N	IEC 68-2-21 Test Ua2
Solderability	235 \pm 2 $^{\circ}$ C 3s \pm 0.5s	IEC 68-2-20 Test Ta method 1
Ambient Temperature	-40 $^{\circ}$ C~70 $^{\circ}$ C	
Relative Humidity	95% (at 35 $^{\circ}$ C)	IEC 68-2-3 Test Ca
Mass	7g	

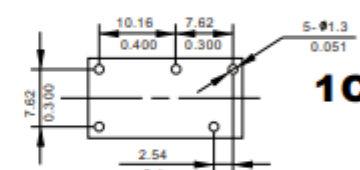
Safety approvals

Safety approval	UL & CUR	TUV	CQC
Load	6A/120VAC;10A/125VAC 5A/240VAC,250VAC 4.2A/277VAC TV-5 1/4HP/277VAC 250VAC 240VAC 120VAC	5A/250VAC,28VDC	5A/250VAC

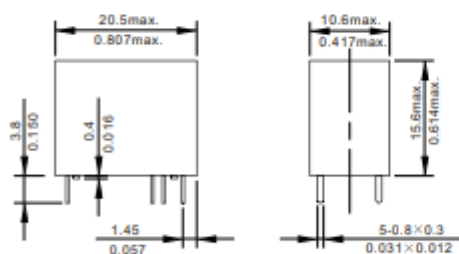
Dimensions
mm /inch



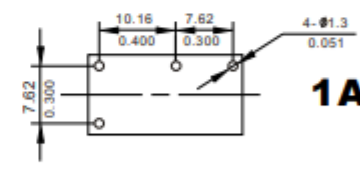
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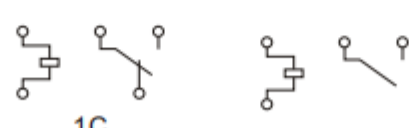
Mounting (Bottom view)



Dimensions



Mounting (Bottom view)



Wiring diagram
(Bottom view)

NOTES 1).Dimensions are in millimeters.
2).Inch equivalents are given for general information only.