



18.4×10.2×15.4

JZC-32F

UL US E160644 R50126380
CQC 13002098873

Features

- 5A, 10A switching capabilities.
- 450mW and 200mW coil available.
- Small size, light weight, suitable for dense installation.
- SPSTNO and SPDT(B-M) configurations.
- Subminiature, standard PC layout.

Ordering Information

JZC-32F **C** **S** **10** **DC12V** **0.2**
1 2 3 4 5 6

1 Part number: JZC-32F
2 Contact arrangement: A:1A; C:1C
3 Enclosure: S:Wash tight; Z:Flux proof

4 Contact rating: 05:5A; 10:10 (A)
5 Coil rated voltage (V): DC:3,5,6,9,12,18,24
6 Coil power: 0.2:0.2W (1A); 0.45:0.45W

Contact Data

Contact Arrangement	1A (SPSTNO) 1C (SPDT (B-M))
Contact Material	Ag Alloy
Contact Rating	5A/250VAC,28VDC; 10A/125VAC; 4.2A/277VAC Motor load: 1/4HP 277VAC,250VAC,240VAC,120VAC TV-5 120VAC
Max. Switching Power	150W 1250VA
Max. Switching Voltage	30VDC 277VAC Max.Switching Current:10A
Contact Resistance	≤100mΩ Item 4.12 of IEC 61810 -7
Electrical Endurance	1×10 ⁵ Item 4.30 of IEC 61810 -7
Mechanical Endurance	1×10 ⁷ Item 4.31 of IEC 61810 -7

Coil Parameter

Coil voltage VDC		Coil resistance Ω ± 10%	Pick-up voltage VDC (max) (75% of rated voltage)	Drop-out voltage VDC (min) (5% of rated voltage)	Coil power W	Operate time ms	Release time ms
Rated	Max.						
3	3.9	45	2.25	0.15	0.20	≤8	≤5
5	6.5	125	3.75	0.25			
6	7.8	180	4.50	0.30			
9	11.7	405	6.75	0.45			
12	15.6	720	9.00	0.60			
18	23.4	1620	13.5	0.90			
24	31.2	2880	18.0	1.20	0.45	≤8	≤5
3	3.9	20	2.25	0.15			
5	6.5	56	3.75	0.25			
6	7.8	80	4.50	0.30			
9	11.7	180	6.75	0.45			
12	15.6	320	9.00	0.60			
18	23.4	720	13.5	0.90			
24	31.2	1280	18.0	1.20			

Notes: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2.Pick-up and drop-out voltage are for test purposes only and are not to be used as design criteria.

Characteristics

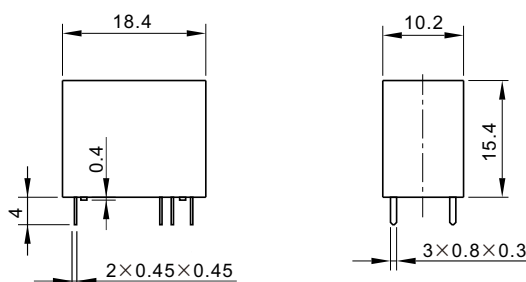
Insulation Resistance	100MΩ min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Open Contacts Between Contact and Coil	1000VAC 1min 2500VAC 1min	Item 4.9 of IEC 61810-7
Shock Resistance	98m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	Item 4.24 of IEC 61810-7
Ambient Temperature	-40℃~105℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Weight (Approx.)	6g	Item 4.7 of IEC 61810-7

Safety Approvals

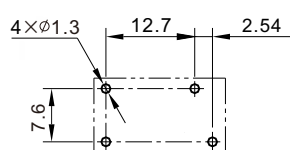
Safety approval	UL & CUR	TüV	CQC
Load	10A/125VAC 5A/250VAC 4.2A/277VAC TV-5 120VAC ¼HP/277VAC, 250VAC, 240VAC, 120VAC	5A/250VAC, 28VDC	5A/250VAC

Dimensions

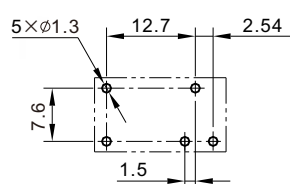
mm



Dimensions

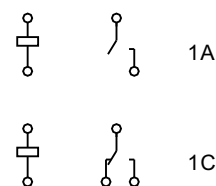


1A



1C

Mounting (Bottom view)



Wiring diagram
(Bottom view)

Remark: In case of no tolerance shown in outline dimension: outline dimension ≤ 1mm, tolerance should be ±0.2mm ;
outline dimension > 1mm and ≤ 5mm, tolerance should be ±0.3mm; outline dimension > 5mm, tolerance should be ±0.4mm.