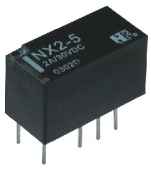
DB LECTRO INC

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.

NHG

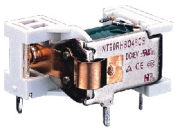












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28×21.5×35

JZX-18FF

RoHS

CQC 03001003515

R2133923 c UL us E158859

Features

- Small size, light weight, heavy reverse power.
- Optional mounting ways.
- Firm structure, strong anti-shock & anti vibration.
- Suitable for automatic control, telecommunication equipment, household electrical appliances and machinery electrical facilities.

Ordering Information

JZX-18FF 2C a DC12V 1 L

1 2 3 4 5 6

1 Part number: JZX-18FF
2 Contact arrangement: 2A:2A; 2B:2B; 2C:2C; 3A:3A; 3B:3B; 3C:3C; 4C:4C
3 Terminal: a: inserting type; b: PCB type
4 Coil rated Voltage(V): AC:6,12,24,36,48,110,120,220 DC:6,12,24,36,48,110
5 Cover: 1:1Mode; 2:2 Mode
6 Coil transient suppression: L:with LED; D:with diode; LD:with LED & diode NIL:standard

Contact Data

Contact Arrangement		2A (DPSTNO)、2B (DPSTNC)、2C (DPDT (B-M))、3A (3PSTNO)、3B (3PSTNC)、3C (3PDT (B-M))、4C (4PDT(B-M))	
Contact Material		Ag • CdO Silver Alloy	
Contact Rating (resistive)		2A,2B,2C&3A,3B,3C:5A/220VAC,28VDC; Heavy load:7A/220VAC,28VDC 4C:3A/220VAC,28VDC; Heavy load:5A/220VAC,28VDC	
Max. Switching Power		1250W 2500VA	
Max. Switching Voltage		150VDC 380VAC	Max.Switching Current:7A
Max. Resistance or Voltage drop		≤50mΩ	Item 3.12 of IEC255-7
Operational life	Electrical	3A:5×10^5 5A:2×10^5 7A:1×10^5	Item 3.30 of IEC255-7
	Mechanical	2×10^7 Heavy load:1×10^7	Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Coil voltage V		Coil resistance Ω±10%	Rated current mA	Pick up voltage V(max) (80%of rated Voltage)	Release voltage V(min) (30%of rated voltage)	Coil power	Operate Time ms	Release Time ms
	Rated	Max.							
	AC								
006AC	6	6.6	11.5	183.0	4.8	1.8	1.2VA	≤25	≤25
012AC	12	13.2	46	91.0	9.6	3.6			
024AC	24	26.4	184	46.0	19.2	7.2			
036AC	36	39.6	370	33.0	28.8	10.8			
048AC	48	52.8	735	24.0	38.4	14.4			
110AC	110	121	3750	11.0	88.0	33.0			
120AC	120	132	4550	9.8	96.0	36.0			
220AC	220	242	14400	4.2	176	66.0			
DC						10%of rated voltage			
006-900	6	6.6	40	150	4.8	0.6	0.9W	≤25	≤25
012-900	12	13.2	160	75	9.6	1.2			
024-900	24	26.4	640/650	36.9	19.2	2.4			
036-900	36	39.6	1500	24.5	28.8	3.6			
048-900	48	52.8	2600	18.5	38.4	4.8			
110-900	110	121	11000	10.0	88.0	11.0			

CAUTION: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2.Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Operation condition

Insulation Resistance[1)]	1000MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength[1)] Between contacts Between contact and coil	 50Hz 1000V 50Hz 1500V	 Item 6 of IEC255-5 Item 6 of IEC255-5
Shock resistance	100m/s² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	8N 4N(PC type)	IEC68-2-21 Test Ua2
Solderability	235℃±2℃ 3±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-55~70℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3Test Ca
Mass	37g	

Note: 1). When testing, coil terminals should be connected , if LED is installed in relay .

Qualification inspection:

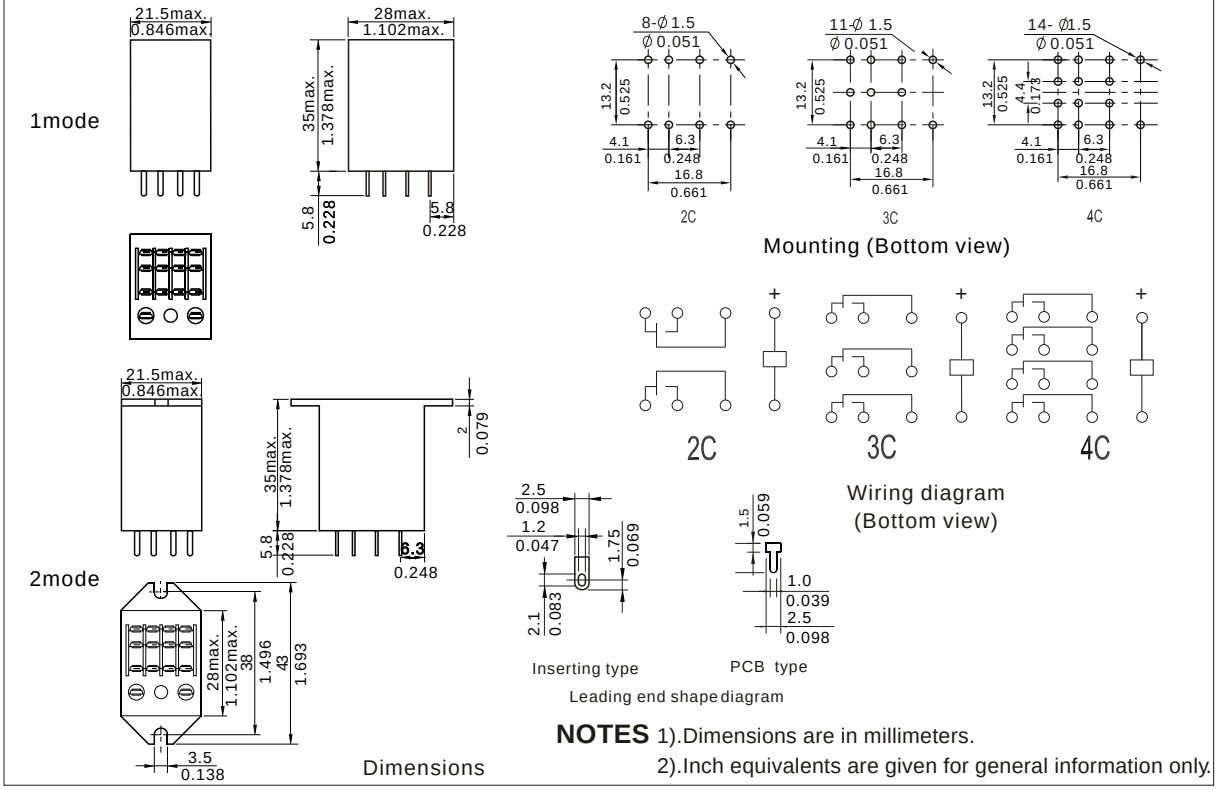
Perform the qualification test as specified in the table Ⅳ of IEC255-19-1 and minimum sample size 24.

Safety approvals

Safety approval	UL&CUR	TÜV	CQC
Load	4C:5A/220VAC,28VDC	5A/220VAC,28VDC	5A/220VAC

Dimensions

mm /inch



Dimensions

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

Reference Data

