

DB ELECTRO ^{UN}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO., LTD.





30.4×28.5×18.5

JQX-54W



CQC 04001010696

on Pending  US E160644

Features

- Can be welded directly onto PCB.
- Compact high capacity relay for inductive load, rushing current of 80A and steady-state current of 25A.
- Used in household appliances like air conditioning , heater and instruments etc.

Ordering Information

JQX-54W A 25 DC12V C B

1 2 3 4 5 6

1 Part number: JQX-54W
 2 Contact arrangement: A:1A
 3 Contact rating: Resistive: 25A/277VAC 30VDC
 Inductive:20A/250VAC; $\cos \Phi=0.7$

4 Coil rated voltage(V): DC:5,6,9,12,24,48,110
 5 Contact material: C:AgCdO; NIL:AgSnO₂
 6 Resistance heat class: B:130°C; F:155°C

Contact Data

Contact Arrangement	1A (SPSTNO)		
Contact Material	AgSnO ₂ AgCdO		
Contact Rating	Resistive: 25A/277VAC, 30VDC Inductive :20A/250VAC, $\cos \Phi=0.7$ 1½HP 250VAC TV-15		
Max. Switching Power	6380VA 750W		
Max. Switching Voltage	300VAC 30VDC	Max. Switching Current:25A rushing current:80A	
Contact Resistance or Voltage drop	<50mΩ	Item 3.12 of IEC255-7	
Operation life	Electrical	10 ⁵	Item 3.30 of IEC255-7
	Mechanical	10 ⁷	Item 3.31 of IEC255-7

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pick up voltage VDC(max) (75% of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max						
005-900	5	5.5	27.7	3.75	0.5	0.9	<20	<10
006-900	6	6.6	40	4.5	0.6			
009-900	9	9.9	90	6.75	0.9			
012-900	12	13.2	160	9.00	1.2			
024-900	24	26.4	640	18.00	2.4			
048-900	48	52.8	2560	36.00	4.8			
110-900	110	121	13440	82.50	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.



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