

DB ELECTRO ^{UN}

Présente / Presents:

NINGBO HUAGUAN ELECTRONICS CO.,LTD.





29×12.6×20.6



JQX-141FF

CCC 03001003502 R50007462 UL US E158859

- Slim type and small occupying area can offer high density P.C.B. technique.
- Employment of suitable plastic materials to be applied to high temperature and various chemical solution.
- Relay covers switching capacity from 10A to 16A
- Switching capacity by 5A available with 2 transfer contact forms.

Ordering Information

JQX-141FF C S 10 DC12V 0.54 3.5

1 2 3 4 5 6 7

1 Part number: JQX-141FF	4 Contact current: 5A,8A,10A,16A
2 Contact arrangement: 1A:1A; 2A:2A; 1C:1C; 2C:2C	5 Coil rated voltage(V): DC:3,5,6,9,12,24,48
3 Enclosure: S: Sealed type; Z: Dust cover	6 Coil power consumption: 0.54:0.54W; 0.72:0.72W
	7 Pole-distance: 3.5:3.5mm; 5:5.0mm

Contact Data

	1A (SPSTNO) 2A (DPSTNO) 1C (SPDT (B-M)) 2C (DPDT(B-M))			
Contact Material	AgCdO AgSnO ₂			
Contact Rating		1A,1C	1A,1C	2A,2C
	Resistive	16A/250VAC;30VDC 1A:20A/120VAC	10A/250VAC,30VDC	5A/250VAC,30VDC
	Inductive	8A/250VAC,30VDC	5A/250VAC,5A/30VDC	2A/250VAC,3A/30VDC
Max. Switching Power	Resistive	480W 4000VA	300W 2500VA	150W 1250VA
	Inductive	240W 2000VA	150W 1875VA	90W 500VA
Max. Switching Voltage	125VDC 380VAC		Max. Switching Current:20A	
Contact Resistance or Voltage drop	≤100mΩ		item 3.12 of IEC255-7	
Operational 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%	Pickup voltage VDC(max) (80%of rated voltage)	Release voltage VDC(min) (5% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
003-540	3	3.9	17	2.4	0.15	0.54	<20	<8
005-540	5	6.5	47	4.0	0.25			
006-540	6	7.8	68	4.8	0.30			
009-540	9	11.7	155	7.2	0.45			
012-540	12	15.6	270	9.6	0.60			
024-540	24	31.2	1100	19.2	1.20			
048-540	48	62.4	4400	38.4	2.40			
003-720	3	3.9	12.5	2.4	0.15	0.72	<15	<8
005-720	5	6.5	36	4.0	0.25			
006-720	6	7.8	50	4.8	0.30			
009-720	9	11.7	115	7.2	0.45			
012-720	12	15.6	200	9.6	0.60			
024-720	24	31.2	820	19.2	1.20			
048-720	48	62.4	3300	38.4	2.40			

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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Features

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