29x12.7x16.1

NF75-200/002

c UL us E352915

Features

- Small size, light weight.Low coil consumption.
- Switching capacity up to 20A.
- PC board mounting.
- Suitable for household electrical appliances, automation system, electrical equipment, instrument, meter telecommunication facilities and remote control facilities.

Ordering Information

NF75	200	E	-	12	-	S	XXXX
1	2	3	4	5	6	7	8

1. Type:	NF75	6. Coil power:	Nil = 410mW
2. Contact configuration:	200 = 2NO (2 form A) 002 = 2CO (2 form C)	7. Protection:	Nil = Flux tight S = Sealed washable
3. Contact material:	E = Ag alloy (Cd free)	8. Special:	XXXX = Special letters or numbers, e.g. 0335 stands for product in accordance to IEC60335-1 (GWT)
4. Contact rating:	Nil = 8A, pinning 5mm		
5. Coil code:	5 = 5VDC; 12 = 12VDC; 24 = 24VDC; 48 = 48VDC;		

Contact Data

Contact Arrangement		2 form C (2CO) or 2form A (2NO)	
Contact Material		$AgSnO_2$	
Contact Rating (resistive)		2A,2C(0.41W):8A/250VAC 8A/277VAC,30VDC	
Max. Switching Power		2C:240W 2300VA	
Max. Switching Voltage		400VAC	
Contact Resistance or Voltage drop		⩽100mΩ	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(10mA/6VDC~100mA/28VDC), it only applies to the room temperature.
2.For gold plated version, the min. Switching current and min. switching voltage is 50mA/6VDC; for non gold plated version (standard type),the min. switching current and min. switching voltage is 100mA/6VDC.

Coil Parameter

Dash numbers	Coil voltage VDC		Coil resistance Ω ±10%	Pickup voltage VDC(max) (70%of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms	Release Time ms
	Rated	Max.						
005-410	5	6.5	61	3.5	0.5	0.41	⩽10	⩽5
012-410	12	15.6	351	8.4	1.2			
024-410	24	31.2	1405	16.8	2.4			
048-410	48	62.4	5620	33.6	4.8			

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

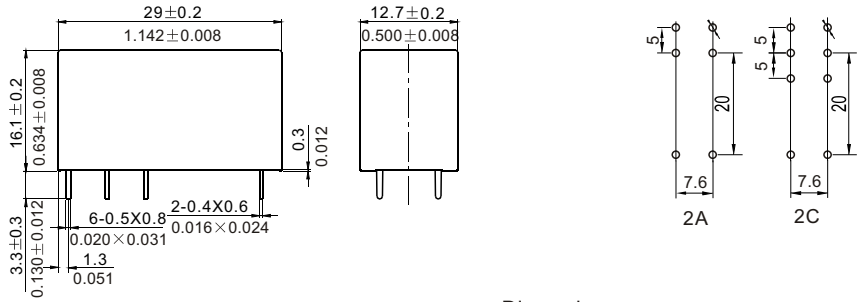
Insulation Resistance	1000MΩ min (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength Between contacts Between contact and coil	 50Hz 1000V 50Hz 5000V	 Item 6 of IEC 60255-5 Item 6 of IEC 60255-5
Shock resistance	100m/s² 11ms	IEC 68-2-27 Test Ea
Vibration resistance	10Hz~55Hz double amplitude 1.5mm	IEC 68-2-6 Test Fc
Terminals strength	10N	IEC 68-2-21 Test Ua1
Solderability	260℃±2℃ 5s±0.5s	IEC 68-2-20 Test Ta method 1
Ambient Temperature	-40℃~85℃	
Relative Humidity	85% (at 40℃)	IEC 68-2-3 Test Ca
Mass	12g	

Safety approvals

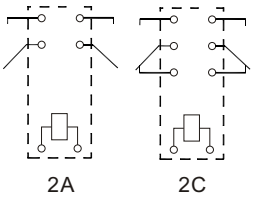
Safety approval	UL&CUR
Load	2A,2C:8A/277VAC,30VDC

Dimensions

mm /inch



Dimension



Wiring diagram
(Bottom view)

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