



Φ31×23

N 9 3 2

Features

- Switching capacity up to 15A.
- Suitable for automation system and auxiliary automobile etc.

Contact Data

Contact Arrangement	1C	
Contact Material	Au· AgNi	
Contact Rating (resistive)	15A/14VDC	
Max. Switching Power	210W	
Max. Switching Voltage	15VDC	Max. Switching Current:15A
Contact Resistance or Voltage drop	50mΩ Max.	Item 3.12 of IEC255-7
Operation life	Electrical	10 ⁵
	Mechanical	10 ⁷
		Item 3.30 of IEC255-7
		Item 3.31 of IEC255-7

Coil Parameter

Coil voltage VDC		Coil resistance Ω±10%	Pickup voltage VDC(max) (67%of rated voltage)	Release voltage VDC(min) (10% of rated voltage)	Coil power consumption W	Operate Time ms Max.	Release Time ms Max.
Rated	Max.						
12	15.6	120	8	1.2	1.2	10	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 ¹⁾	100MΩ min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength ¹⁾	Between contacts	Item 6 of IEC255-5
	Between contact and coil	Item 6 of IEC255-5
Shock resistance	100m/s ² 11ms	IEC68-2-27 Test Ea method 1
Vibration resistance	10~55Hz double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	8N	IEC68-2-21 Test Ua2
Solderability	230 °C±2 °C 10±0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-40~125 °C	
Relative Humidity	85% (at 40 °C)	IEC68-2-3Test Ca
Mass	31g	

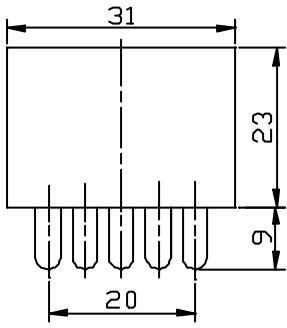
Note: 1). When testing, coil terminals shall be connect ,if coil transient suppression is installed in relay .

Qualification inspection:

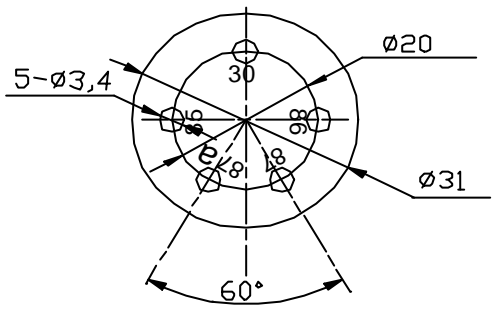
Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

Ordering Information	
N932	C 15DC12V D
Coil transient suppression: D:with diod , Nil: without diod	
Coil rated DC Voltage:12V	
Contact Rating: 15:15A/14VDC	
Contact Arrangement :C:1C	
Part number:N932	

Dimensions (Unit: mm)

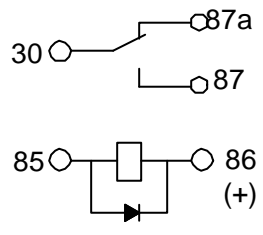


Dimensions



Mounting (Bottom views)

mm	inch
3.4	0.134
9	0.354
20	0.787
23	0.905
31	1.220



Wiring diagram (Bottom views)