

NCV



 $22.7 \times 15.2 \times 16.2$

Features

- Low profile.
- Low temperature rise.
- Suitable for automation system and automobile auxiliary etc.

Ordering Information					
$\underline{NCV} \underline{C} \underline{S} \underline{25} \underline{D}$					
1 2 3 4 5					
1 Part number: NCV	5 Coil transient suppression: D:with diode;				
2 Contact arrangement: A:1A; C:IC;	R:with resistance;				
3 Enclosure: S: Sealed type; Z: Dust cover	NIL: standard				
4 Contact current: NO:25A/14VDC;NC:20A/14VDC					

Contact Data

Contact Arrang	Contact Arrangement		1A(SPSTNO), 1C (SPDT(B-M))	
Contact material		AgSnO ₂ AgNi		
Contact Rating (resistive)		NO: 25A/14VDC,NC:20A/14VDC		
Max. Switching Power		350W		
Max. Switching voltage		75VDC	Max. Switching Current :25A	
Contact resistance or Voltage drop		≤50m $Ω$	Item 3.12 of IEC 60255-7	
Operation life	Electrical	10⁵	Item 3.30 of IEC 60255-7	
	Mechanical	10 ⁷	Item 3.31 of IEC 60255-7	

Coil Parameter

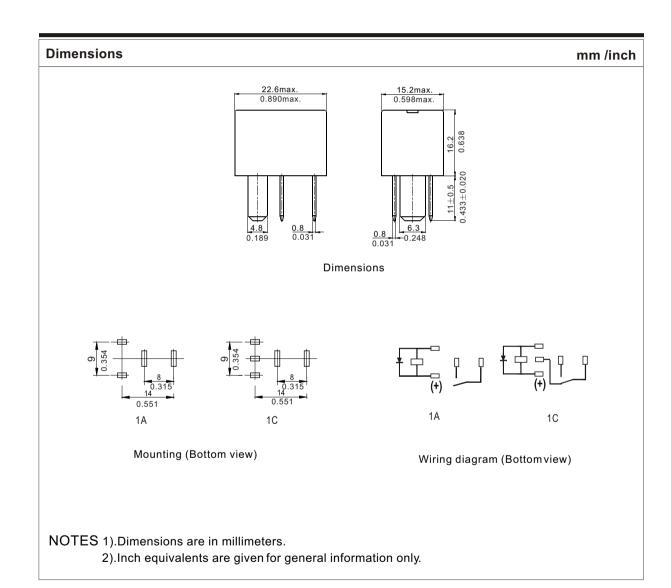
Dash numbers		roltage DC	Coil resistance	Pick up voltage VDC(max)	Release voltage VDC(min) (5% of rated	Coil power consumption	Operate Time	Release Time
	Rated	Max.	$\Omega \pm 10\%$	(58%of rated voltage)	voltage)	W	ms	ms
012-800	12	16	180	7	0.6	0.8	≪10	≤10

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	20MΩmin (at 500VDC)	Item 7 of IEC 60255-5
Dielectric Strength Between contacts Between contact and coil	50Hz 500V 50Hz 500V	Item 6 of IEC 60255-5 Item 6 of IEC 60255-5
Shock Resistance	Function: 100m/s ² 11ms Survival:1000m/s ² 11ms	IEC68-2-27 test Ea
Vibration Resistance	Function: 10Hz~100Hz 44.1m/s ² Survival:100Hz~500Hz 44.1m/s ²	IEC68-2-6 test Fc
Terminals strength	10N	IEC68-2-21 test Ua1
Ambient Temperature	-40℃~105℃	
Relative Humidity	95% (45℃)	IEC68-2-3 test Ca
Mass	15g	



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