

DHC20



Feature

- 20A Contact switch capacity, Small volume;
- A set of bridge type N.O.contacts; Non-polarity of contact circuit;
- Using ceramic brazing technology, the contact part is sealed with hydrogen gas. The contact does not oxidize, can quickly cut off in the dc high voltage;

Performance Data

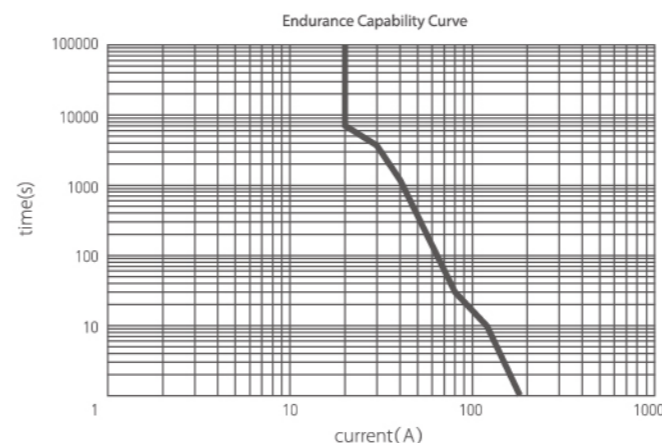
Contact Data	Contact arrangement	1H(SPST-NO)	
	Rated load(Resistive load)	20A	
	Min applicable load (Resistive load)	1A/12VDC	
	Max switch voltage	1000VDC	
Electrical endurance	Current carrying capacity(a)	20A : continued 30A : 1h 40A: 20min 80A: 30s 120A: 10s 200A: 0.6s	
	Pick-up time (at 20°C rated volt.)	≤30ms (Excluding contact bounce)	
	Drop-out time (at 20°C rated volt.)	≤10ms	
	Contact bounce time (at 20°C rated volt.)	≤5ms	
	Dielectric strength	Between open contact	3000VAC 1min
		Between contact and coil	4000VAC 1min
	Ops	Electrical endurance	20A 450VDC ≥100,000 ops 20A 750VDC ≥75,000 ops
Mechanical endurance		≥200,000 ops	

Note: (a): The above data is tested at ambient temperature, connecting wire cross section area≥4mm²
(b): Except for special instructions, the Electrical endurance On-off ratio is 1s:9s

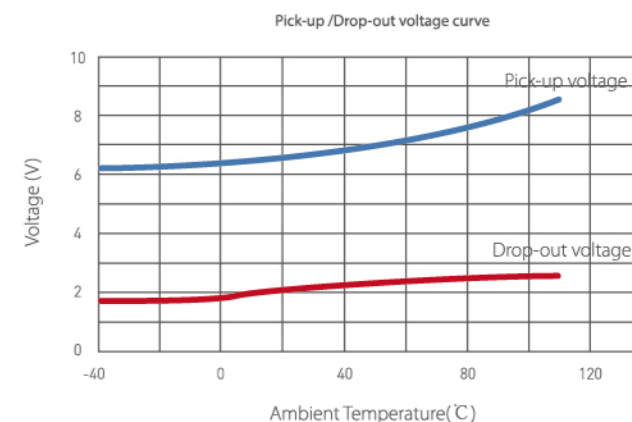
Coil Data

Nominal coil volt	Pick-up volt	Release volt	Max operate volt	Rated current (±10%)	Rated power
12V DC	≤9V DC	≥1V DC	16V DC	0.25A	3W
24V DC	≤18V DC	≥2V DC	32V DC	0.125A	3W

Power Switching Capacity for Resistive Load

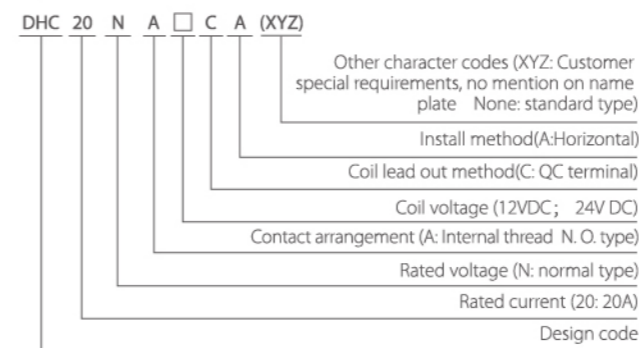


Note: The above data is tested at 85°C ambient temperature, connecting wire cross section area≥4mm². The data is for reference only; please do not use to select the fuse directly.

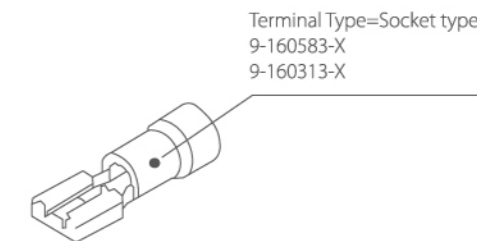


Note: The above data are tested by random sampling of coil volt. 12V DC product. The data is for reference only, (test qty: n=3)

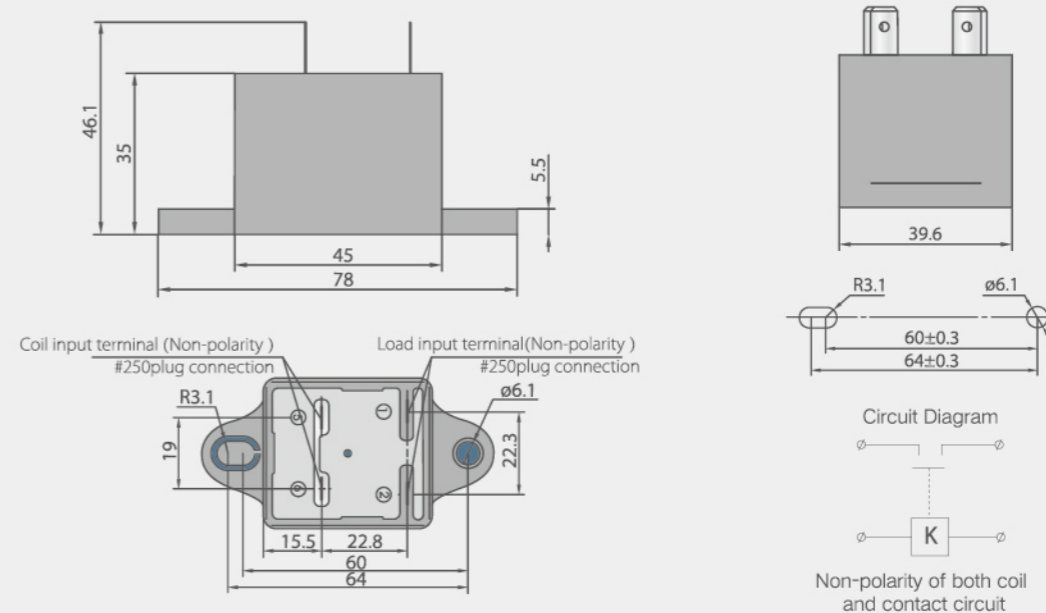
Part Numbering System



Coil lead-out method



Outline mounting dimension and circuit diagram



Tolerance grade not noted

<10mm	±0.3
10~50mm	±0.6
>50mm	±1.0