

★ DHCH300

★ Contactor Data

Main Part No.		DHCH300	
Contact Data	Contact form		1H (SPST-NO)
	Rated load(Resistive load)		300A
	Min applicable load (Resistive load)		1A/12VDC
	Max switch current		2000A (750VDC) 1 time
	Max switch voltage		1000VDC
	Contact voltage drop(initial)		≤150mV@300A
	Current carrying capacity(a)		300A : continued
			450A: 60min
600A: 20min			
1200A:30s			
3000A:0.6s			
Impact resistance	Stability	Half-sine shock pulse:11ms	ON: 196m/s ² (>20G) OFF: 98 m/s ² (> 10G)
	Strength	Half-sine shock	490 m/s ² (> 50G)
Vibration resistance			10Hz~500Hz 49 m/s ² (> 5G)
Product installation mode			Arbitrarily

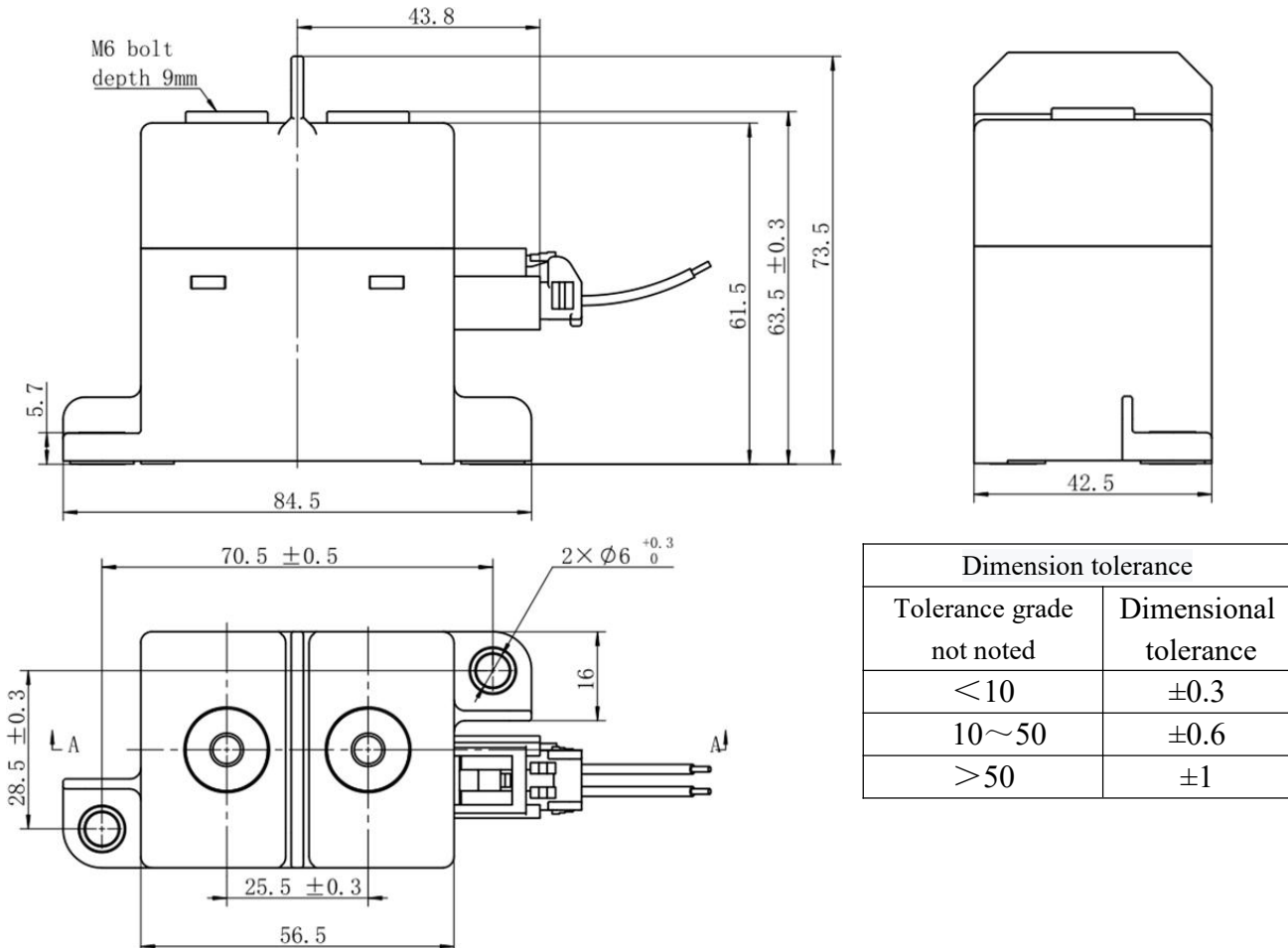
Coil Data (20°C)

Coil rated volt.	Pick-up volt.	Release volt.	Max operate volt.	Rated current (±10%)	Rated coil power
12V DC	≤9V DC	≥1V DC	16V DC	0.5A	6W
24V DC	≤18V DC	≥2V DC	32V DC	0.25A	6W

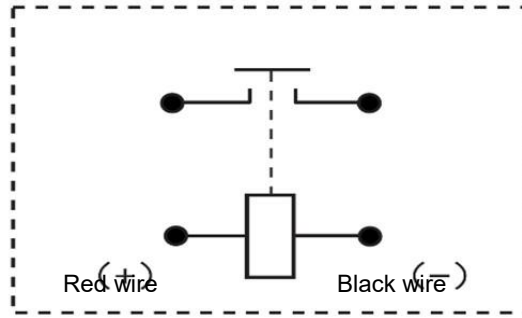
★ Part Numbering System

DHCH	300	N	A	□	C	A	(XYZ)
Other character codes (XYZ: Customer special requirements;None: standard type)							
Install method (A:Horizontal)							
Coil lead out method (C: Connector)							
Coil voltage (12: 12VDC; 24: 24VDC)							
Contact form (A: Internal thread normal open type;							
Rated voltage (N: Normal type)							
Rated current (300: 300A)							
Design code							

★ Shape installation and circuit diagram

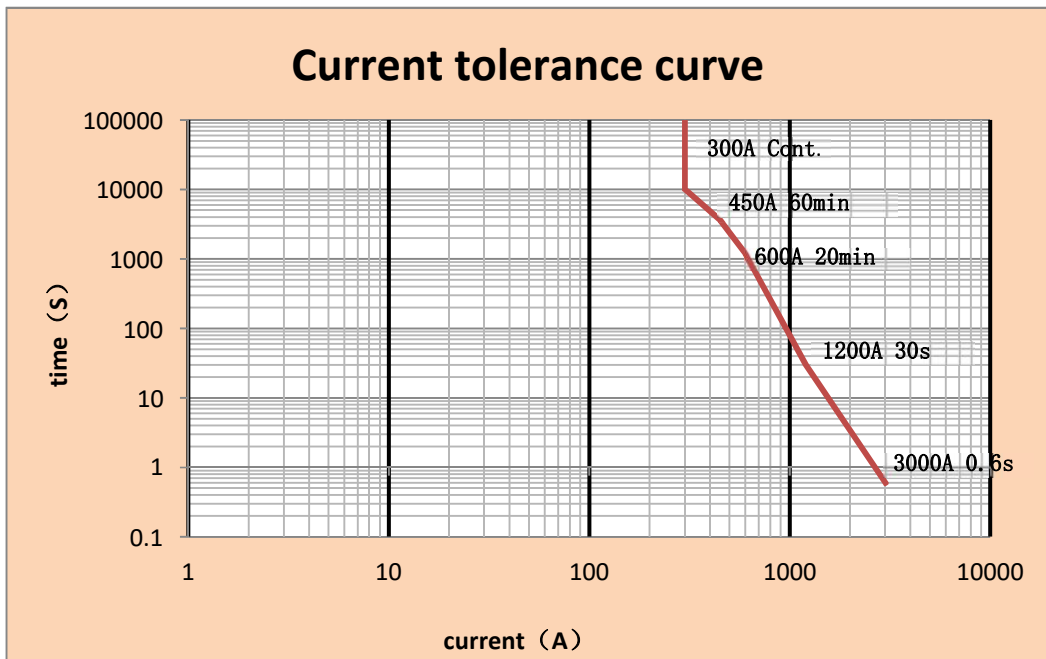


Circuit diagram



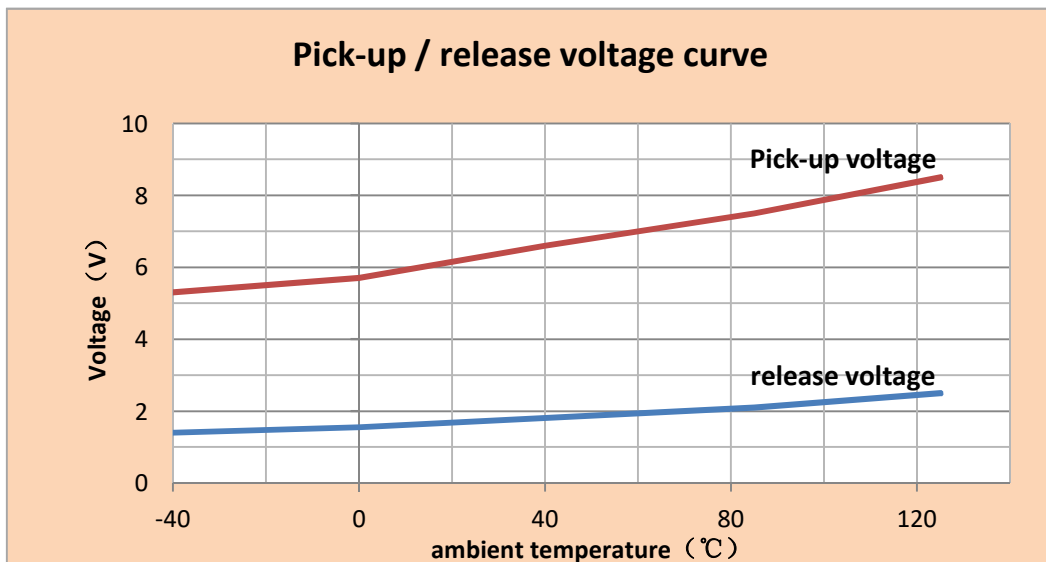
► **Note:** The main contact of the product has no polarity; the red wire of the coil is connected with the positive pole, and the black wire is connected with the negative pole.

★ **Current tolerance curve**



► Note: The above data is tested at 85°C ambient temperature, Traverse area ≥ 100mm². The data is for reference only, please do not use to select the fuse directly.

★ **Pick-up / release voltage curve**



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