★DONGYA

★DHC350P

★ Contactor Data

Main Part No.			DHC350P
Contact Data	Contact form		1H（SPST-NO）
	Aux. contact form		1NO
	Min load of Aux. contact		6VDC/ 0.1A
	Rated load(Resistive load)		350A
	Min applicable load (Resistive load)		1A/12VDC
	Max switch current		2500A（800VDC）1 ops
	Max switch voltage		1500VDC
	Contact voltage drop(initial)		≤6mV@20A
	Current carrying capacity(a)		350A : continued
			750A：15min
			900A:120s
			8000A:5ms
Impact resistance	Stability	Half-sine shock pulse:11ms Test time:10μs	ON: 196m/s²（＞20G）
			OFF: 98 m/s²（＞10G）
	Strength	Half-sine shock pulse:6ms	490 m/s²（＞50G）
Vibration resistance			10Hz~500Hz 49 m/s²（＞5G）
Product installation mode			Arbitrarily

Coil Data（20℃）

Coil rated volt.	Pick-up volt.	Release volt.	Max operate volt.	Rated current（±10%）	Rated coil power
12VDC	≤9VDC	≥1VDC	16VDC	Pick-up:4.2A Hold-in:0.42A	Pick-up:50W(0.2s Pick-up) Hold-in:5W
24VDC	≤18VDC	≥2VDC	32VDC	Pick-up:2.1A Hold-in: 0.21A	Pick-up:50W(0.2s Pick-up) Hold-in: 5W

★Part Numbering System

DHC	350P	N	D	□	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 （D:Main contact N.O. (Screw type) with aux. contact）

Rated voltage （N: Normal type）

Rated current （350P：350A）

Design code

★ Shape installation and circuit diagram

Outline mounting dimension

Red wire (positive pole of coil)
Black wire (negative pole of coil)
White wire (auxiliary contact terminal)
White wire (auxiliary contact terminal)

89.5 ±0.3
88.2 ±0.3
50.9
4×9
104
300±10
108

4×Φ6.4 +0.3/0
91 ±0.3
45 ±0.3
70
59.5 ±0.3
57 ±0.3
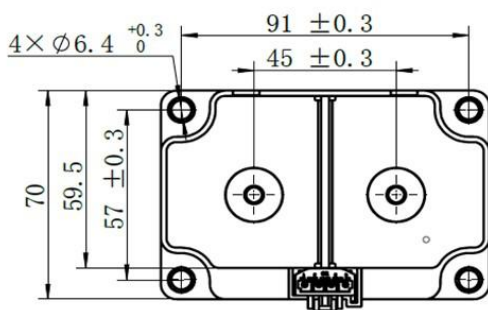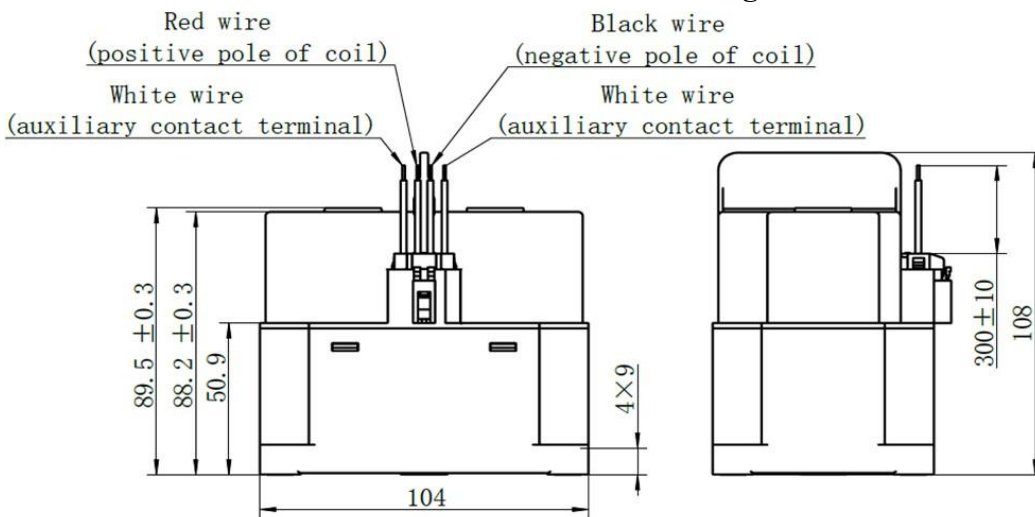
Dimension tolerance	
Tolerance grade not noted	Dimensional tolerance
＜10	±0.3
10～50	±0.6
＞50	±1

Circuit diagram

White wire ⌀————————⌀ White wire

⌀————————⌀

\+ ⌀———[K]———⌀ −
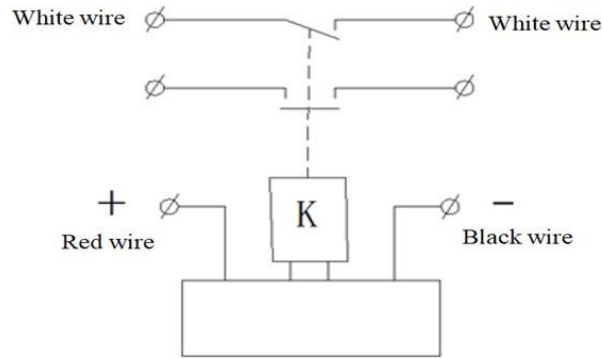
Red wire   Black wire

▶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, the auxiliary contact has no polarity to connect the white wire.

★Current tolerance curve

Tolerance curve

Time (S) vs Current（A）

- 350A Cont.
- 750A 15min
- 900A 120s
- 8000A 5ms
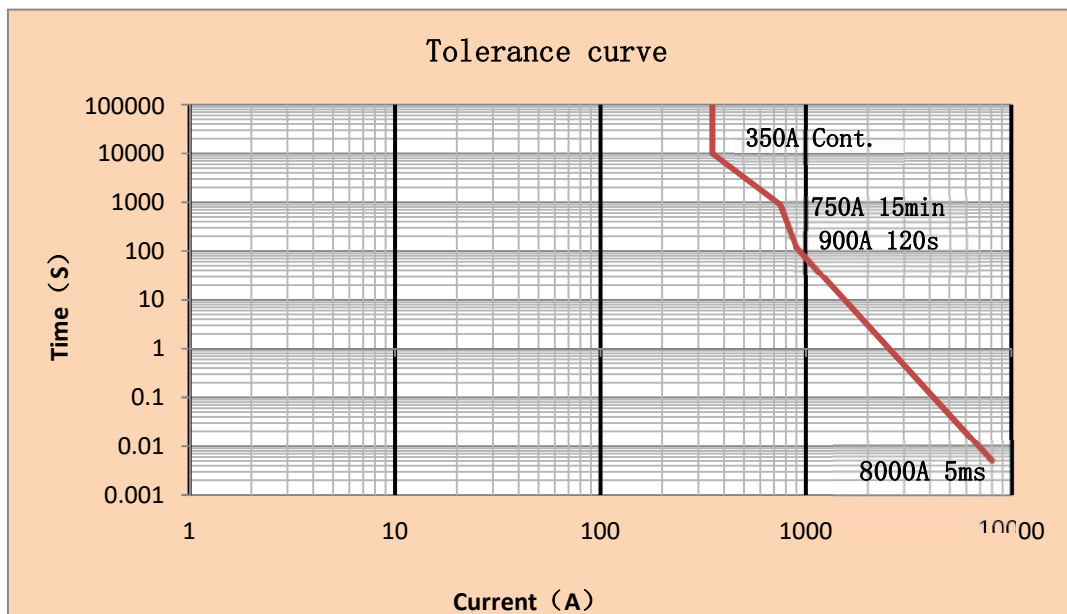
▶ Note: The above data is tested at 85℃ ambient temperature, Traverse area≥120mm². The data is for reference only, please do not use to select the fuse directly.

★Pick-up / release voltage curve

Pick-up/release voltage curve

Voltage (V) vs Environment temp.（℃）

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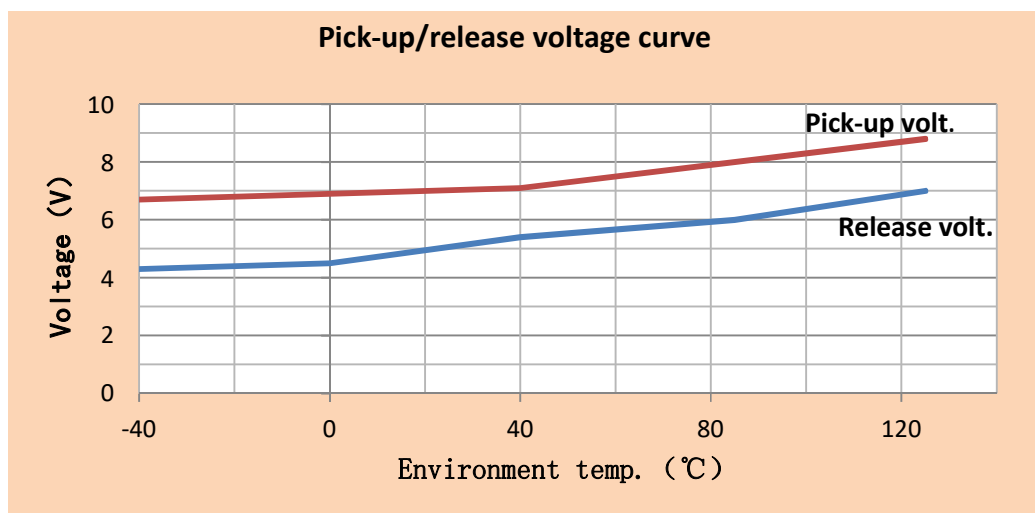
▶ The above data are tested by random sampling of coil volt. 12VDC product. The data is for reference only, (test qty:n=3)