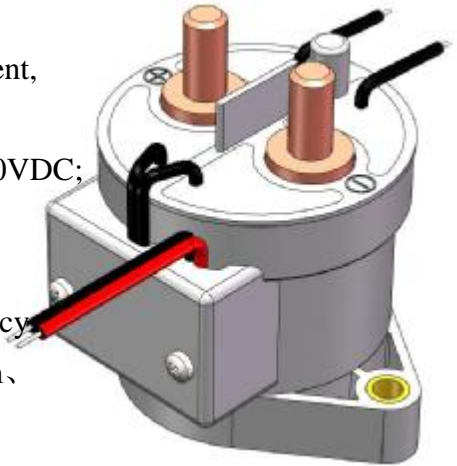


# DH200H

## High Voltage DC contactor

### ■ FEATURES

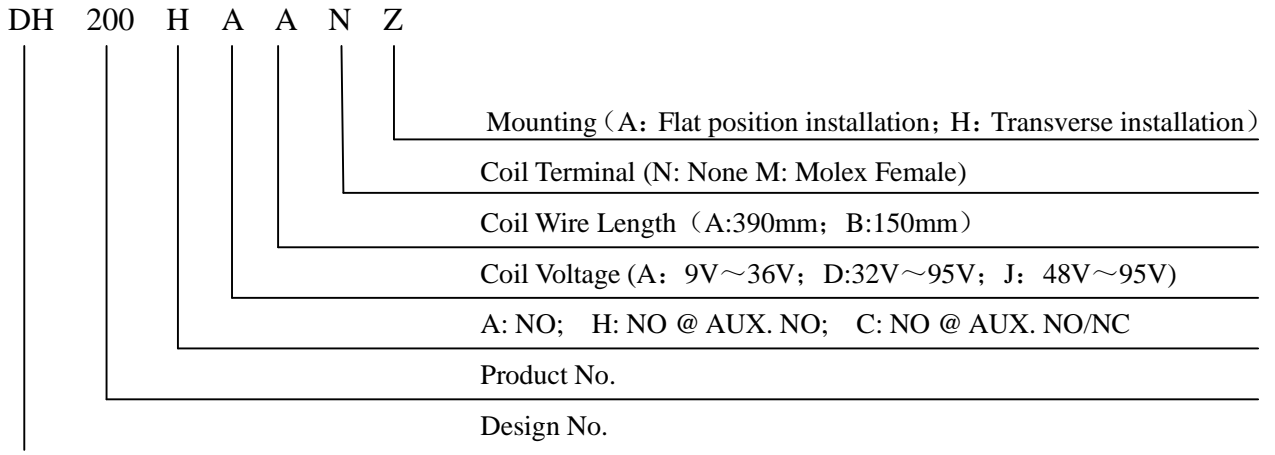
- 500A rating current (Continues current), 200A breaking current, small volume;
- Switch DC loads at both low and high voltage from 12 to 900VDC;
- Coil power is very low, built-in coil economizer only 1.7W;
- Application: For Electric Control System、Communication Power Supply、The solar system, Heavy truck、Emergency vehicles、Boats、Light rail、Mining、The charging system、Train、UPS etc. ;
- Safety Approvals: UL、CCC



### ■ SPECIFICATION

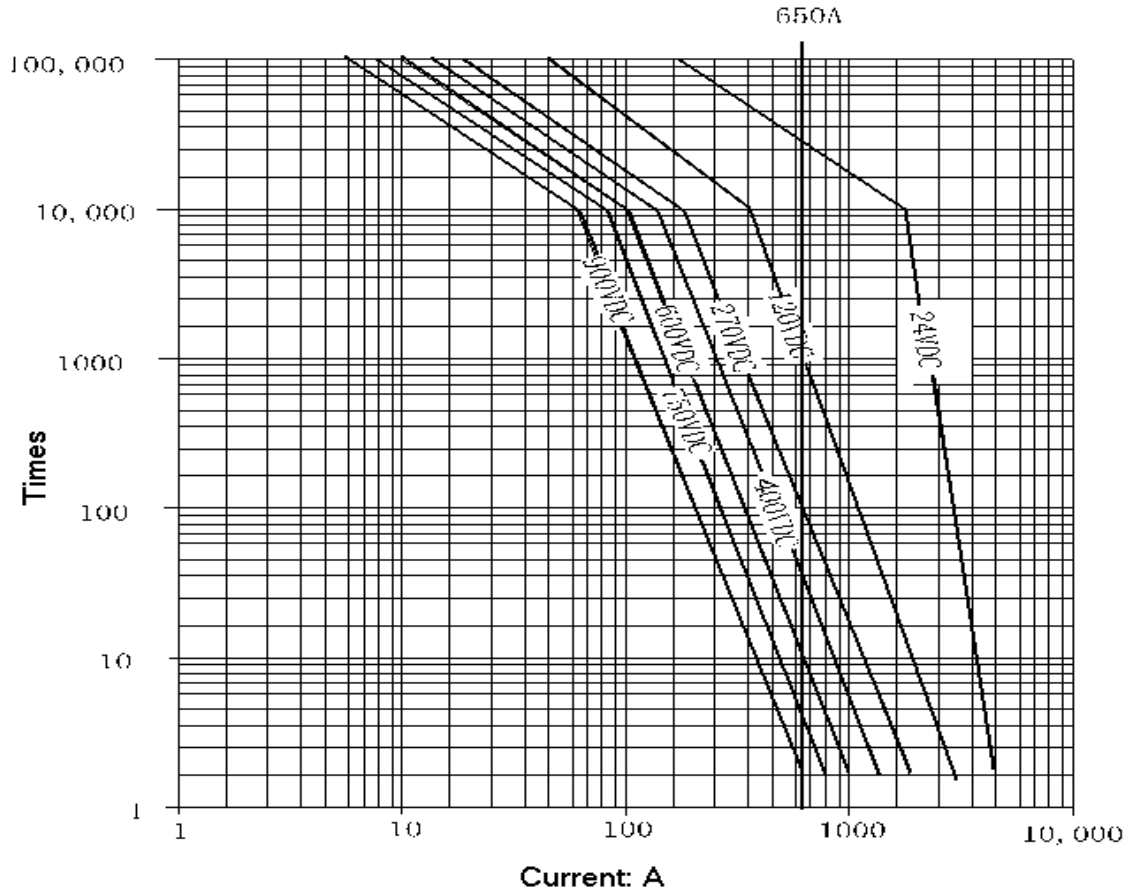
Product No.	DH200A
Contact type	SPST-NO
Contact current(continues current)	500A
Breaking current	200A
Contact rated operating voltage	12~900V
The maximum switch current	2000A(320VDC) 1 Operations
Contact voltage drop	Max. 80mV at 100A
Pick-up Voltage (V)	(40~70) % of Coil Rated Voltage
Drop-out Voltage (V)	(5~40) % of Coil Rated Voltage
Close (Includes bouncing time) Max	Max. 20ms.
Contact bouncing on close	Max. 7ms.
Release Time	Max. 12ms.
Vibration, Sinusoidal (10~2000Hz peak)	≤20g
Shock (11ms, 1/2sine、 peak、 operating)	≤20g
Operating ambient temp range	-40℃~+85℃
Storage ambient temp range	-55℃~+120℃
Insulation Resistance	Min. 100MΩ @ 500VDC
Dielectric Strength (Between Insulated Electric Parts)	2200VAC 50 Hz/60 Hz (1 minute)
Electrical Life	Table 1
Mechanical Life	300000 Operations
AUX. Type	1NO
AUX. Contact load range	2A/30V DC / 3A 125V AC
Aux. Contact Min. load	100mA/8V
Mounted direction	any direction
Weight	0.55kg

■ PRODUCT MODEL DEFINE:



■ RESISTIVE LOAD UNDER DIFFERENT VOLTAGES

Table 1 Current carry VS Time



NOTE:

- 1、Electrical Life based on resistive loads, for resistive loads with 300uH maximum inductance;
- 2、The maximum make current is 650A to avoid contact welding;
- 3、End of life is defined as when the dielectric, insulation resistance or contact resistance exceeds the specification listed;

■ DIMENSION AND CIRCUIT DIAGRAM

