



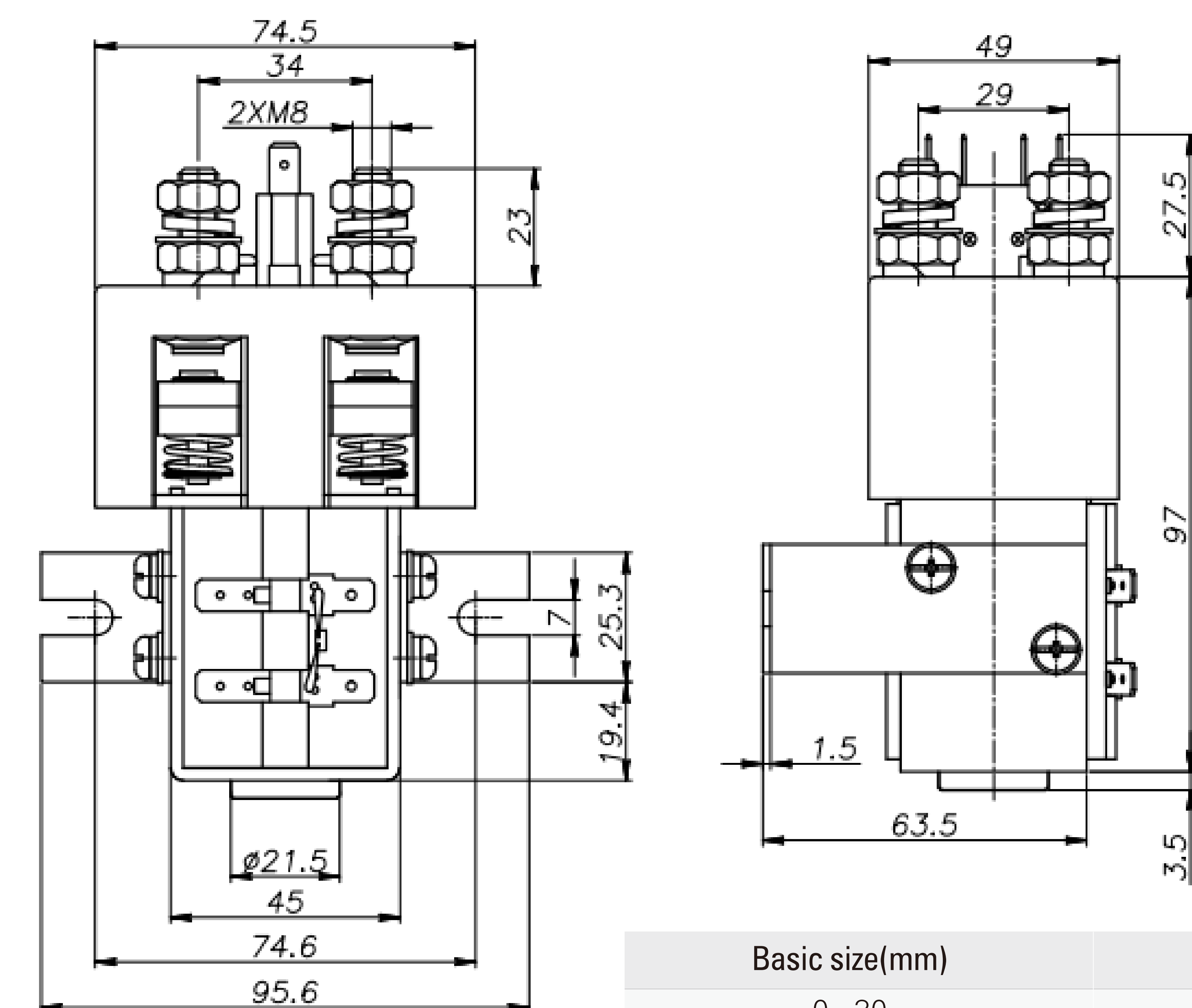
EHW200A-2

EHW200A-2

Basic Technical Parameters (at normal conditions)

Electric Parameters			
Contact type	DPDT-NO	Instantaneous maxi (closing) current	7Ie, ≤1s
Rated voltage of contacts (DC)	≤ 96V	Insulation resistance(MΩ)	≥ 100
Rated current of contacts (A)	200	Dielectric withstand voltage	1500V,p.f. 1min, no breakdown
Voltage drop on contacts(mV)	≤40	Electric cycles (10 ⁴)	≥2
Coil voltage specification(DC)	12V, 24V, 48V, 72V etc	Mechanical cycles (10 ⁴)	≥30
DC power consumption of coil (W)	≤ 15; ≤ 32	Temperature rise on outgoing terminal	≤ 65
Pickup voltage(DC)	≤ 75%Us ; ≤ 60%Us	Temperature rise of coil(K)	≤ 85
Release voltage(DC)	≥ 5%Us ; ≤ 40%Us	Insulation grade of enameled wire	Class F (155°C)
Pickup time(ms)	≤ 60	Material of contact	AgCuO(10)/Cu
Release time(ms)	≤ 60	Working duty	Continuous or intermittent operating
Mechanical/Ambient Conditions			
Torque of outgoing terminal on contact M8(N.m)	≥8.5N appropriate	Protection grade	IP50
Coil lead end thickness(mm)	0.8	Mounting methods	Freely
Working temperature	(-25~+55)°C	Vibration	Sine shock: 2.5g, (5~50) Hz
Mounting altitude	≤2Km	Impact	50g,11ms(Half sine)
Conversion Table for Coil Specification(20°C)			
Voltage(V)	Coil resistance(1±10%)Ω	Voltage(V)	Coil resistance(1±10%)Ω
12	12.3	48	180
24	46	72	428.7

Outline and Mounting Picture



Basic size(mm)	Tolerance size(mm)
0~30	±0.2
30~60	±0.3
60~100	±0.5
>100	±1.0

Note: When using the installation mode "0", please specify the length of the M3 screw in the contract. The default length is M3×6

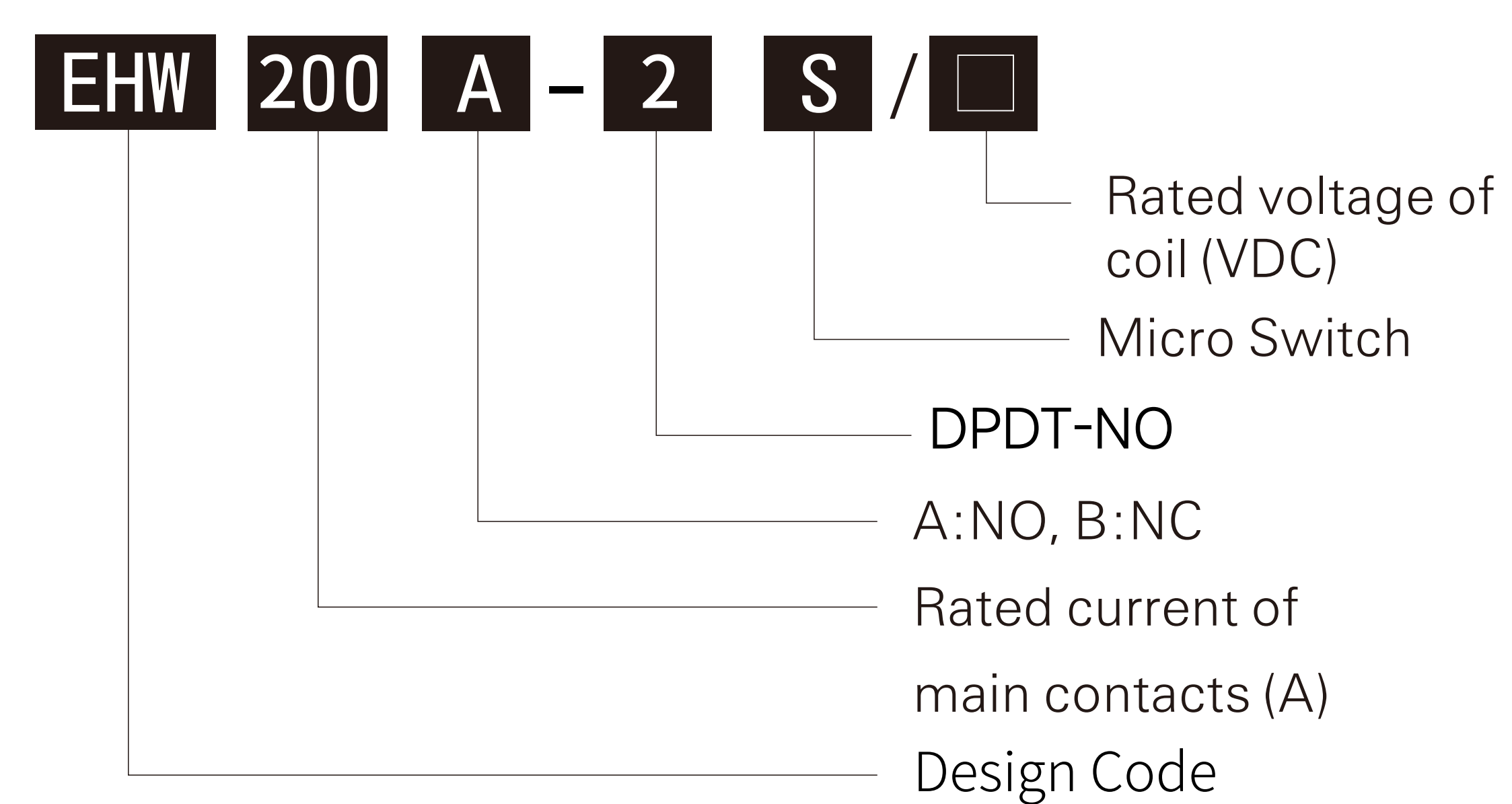
Application

The products are mainly used to control switching on/off of power supply of storage battery car, electric forklift, electric winch, electric car, excavator, air conditioner in vehicle, power source for communication facility.

Ordering Notice

For example: EHW200A-2/12V
The DC contactor of main contact is one NO, rated voltage not more than DC 80V, current 200A, coil voltage is DC12V

Model and Meanings



Electric Wiring Diagram

