



EHC400I

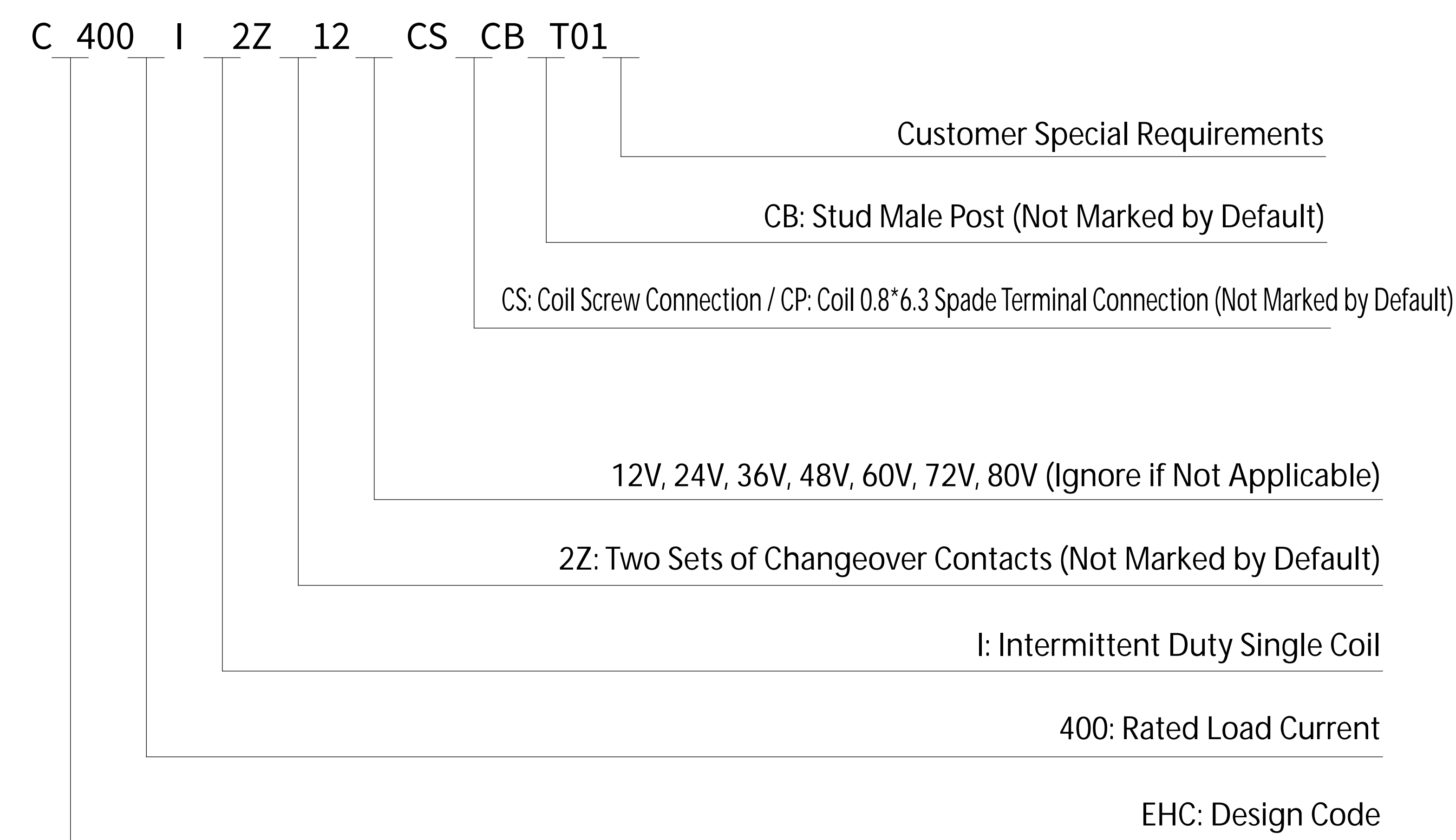
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Basic Technical Parameters (at normal conditions)

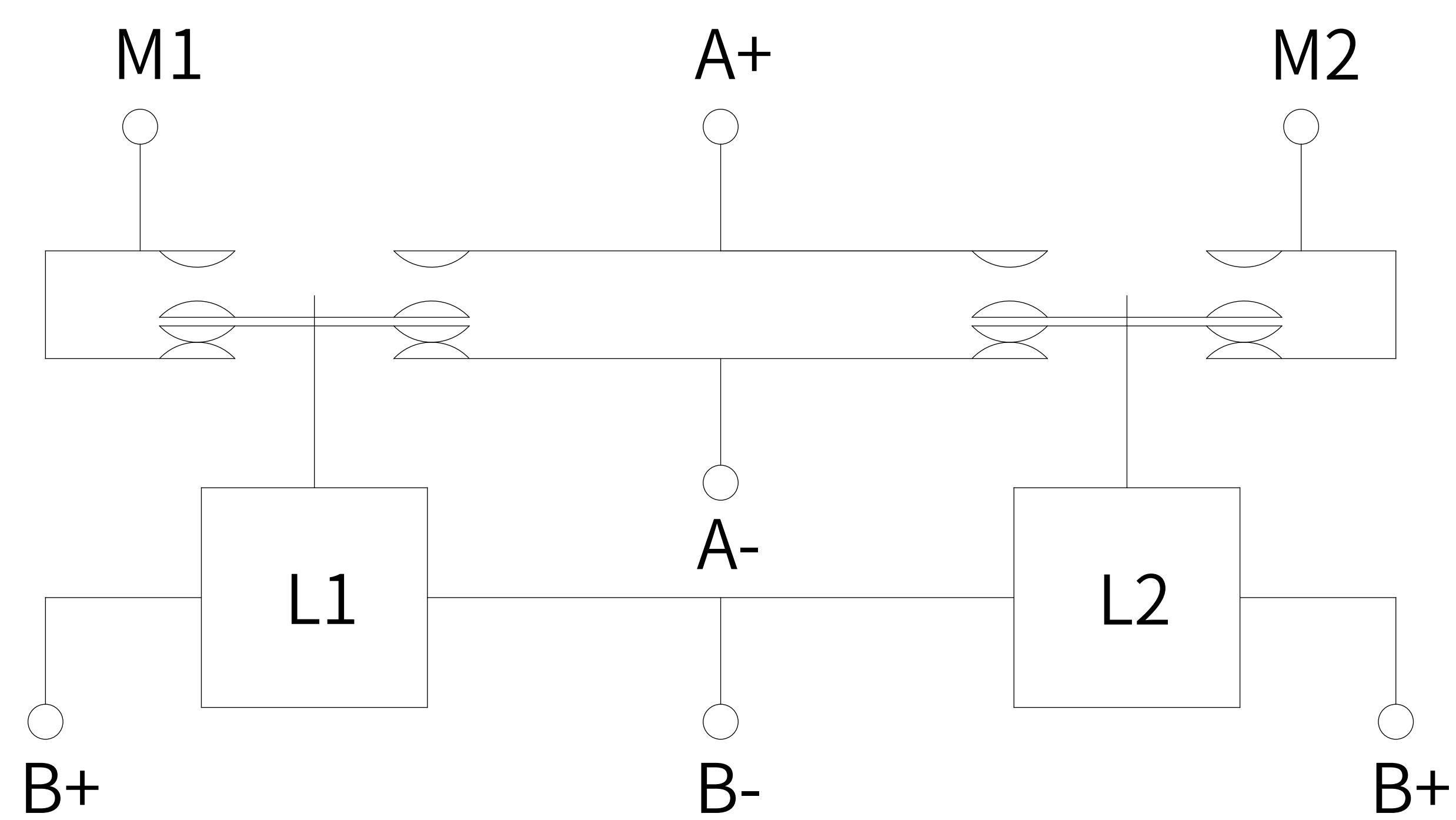
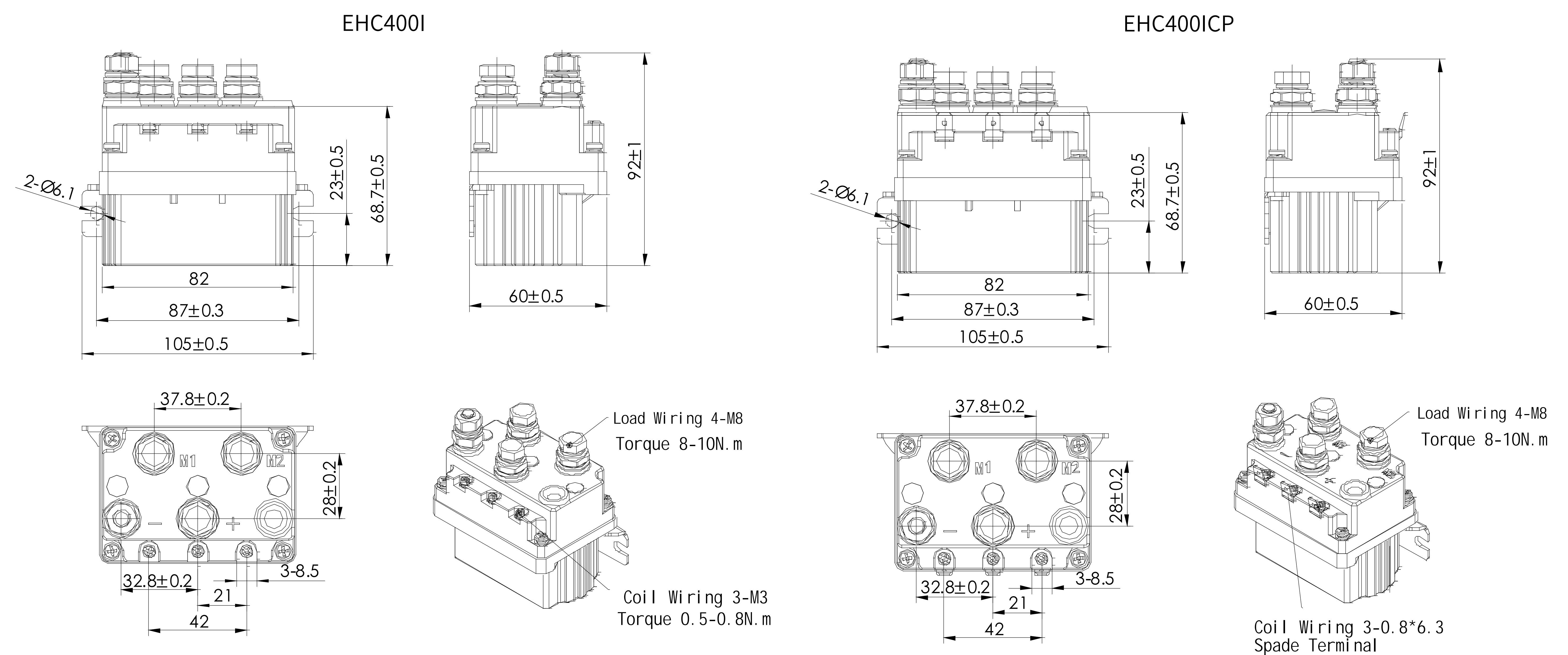
Contact Arrangement	DPDT-Changeover	Pull-In Voltage	≤70%Us	
Rated current of contacts	400A	Drop-Out Voltage	5%-40%Us	
Contact Resistance	≤30mΩ	Contact Bounce Period	≤5ms	
Contact Voltage Drop	≤80mV(at 120A)	Pull-In Time	≤30ms	
Overload Current	≤4Ie, >1s	Drop-Out Time	≤30ms	
Temperature	-40°C~85°C	Dielectric Strength	Between Main Contacts	50Hz/60Hz 1500VAC/1min
Load Terminal	M8 External Thread		Between Main Contacts and Coil	50Hz/60Hz 1500VAC/1min
Vibration	3.5g, 10~200Hz, 1/2 Sine Wave (Power On)	Insulation Resistance	Initial State	100MΩ 1min
Relative Humidity	5%~95%RH		After Electrical Life	50MΩ 1min
Dimension	105mm*60mm*92mm	Shock	Stability	20g (Power On)
Operating Duty	Intermittent		Strength	50g
Electrical Durability with Load (Resistive)	20,000 Times	Mechanical Durability	100,000 Times	
Load Wiring Torque	8-10N.m	Coil Wiring Torque	0.5-0.8N.m	

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.



Outline and Mounting Picture



A+, A- Load Terminal Power Supply

M1, M2 Load

B+, B- Control Terminal Power Supply

EHC400I Wiring Diagram