



EHC300I

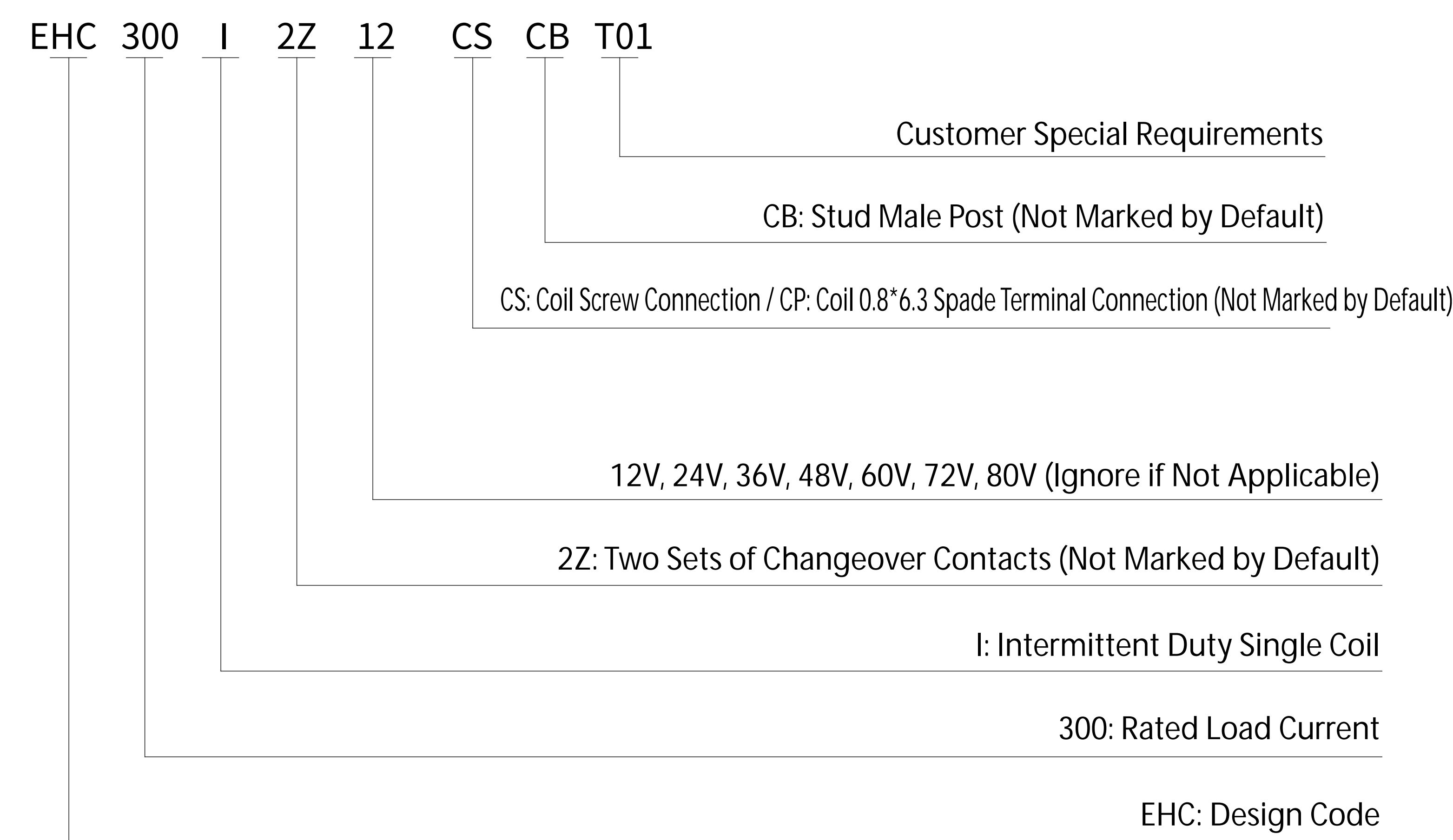
EHC300I

Basic Technical Parameters (at normal conditions)

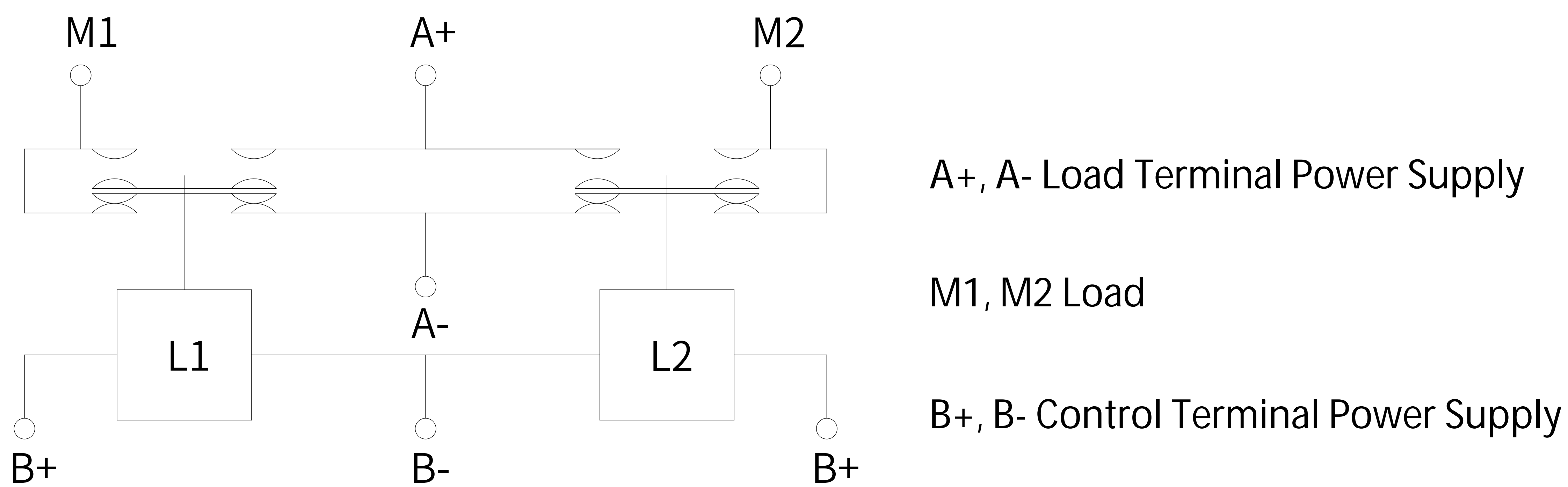
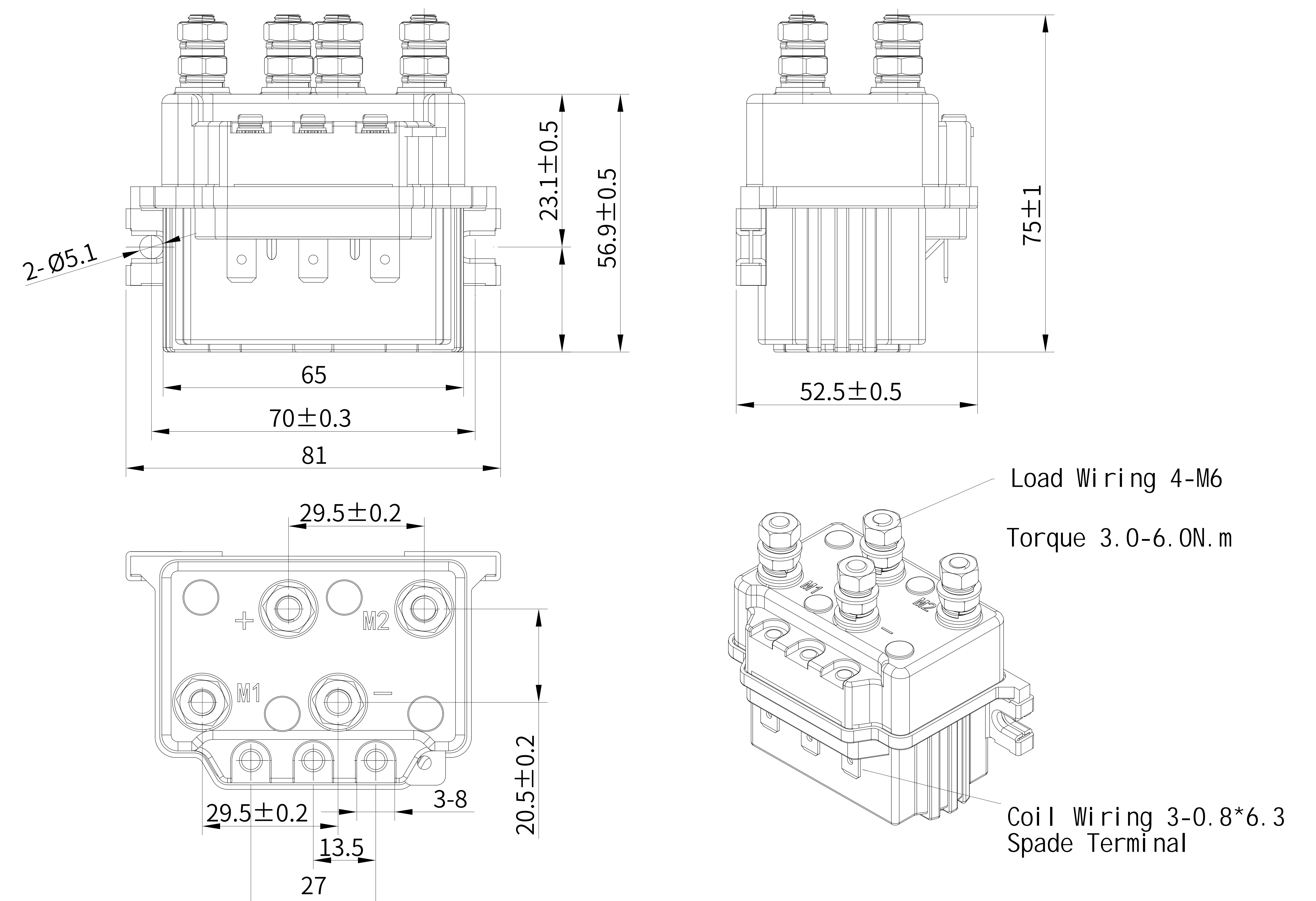
Contact Arrangement	DPDT-Changeover	Pull-In Voltage	≤70%Us	
Rated current of contacts	300A	Drop-Out Voltage	5%-40%Us	
Contact Resistance	≤30mΩ	Contact Bounce Period	≤5ms	
Contact Voltage Drop	≤80mV(at 80A)	Pull-In Time	≤30ms	
Overload Current	≤4Ie, >1s	Drop-Out Time	≤30ms	
Temperature	-40°C~85°C	Dielectric Strength	Between Main Contacts	50Hz/60Hz 1500VAC/1min
Load Terminal	M6 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	81mm*53mm*75mm	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	3-6N.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



EHC300I Wiring Diagram