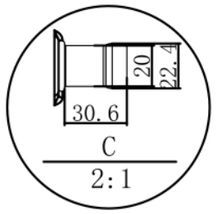
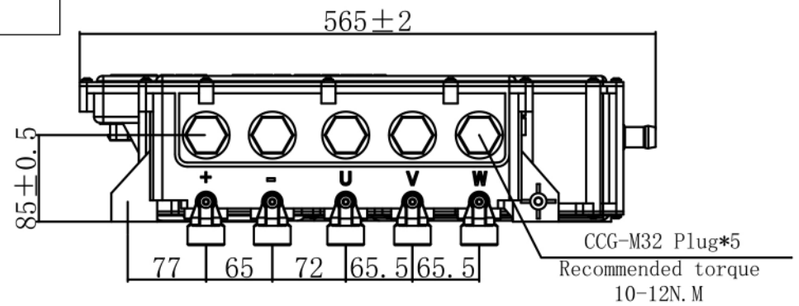
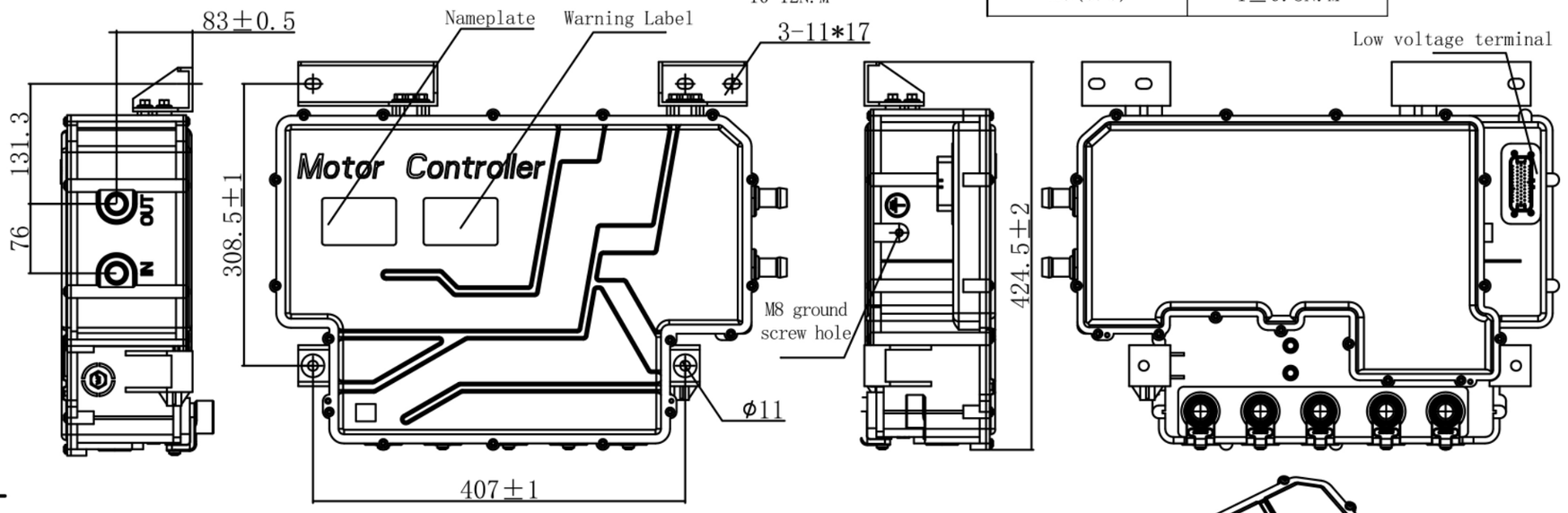
RTD040X

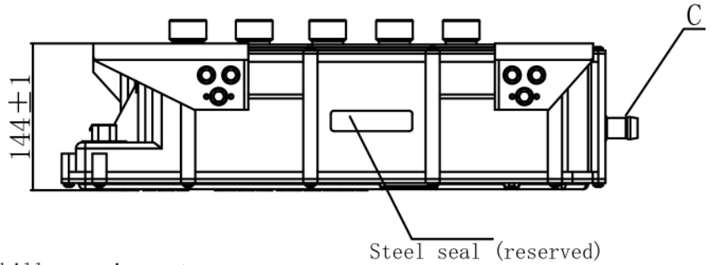


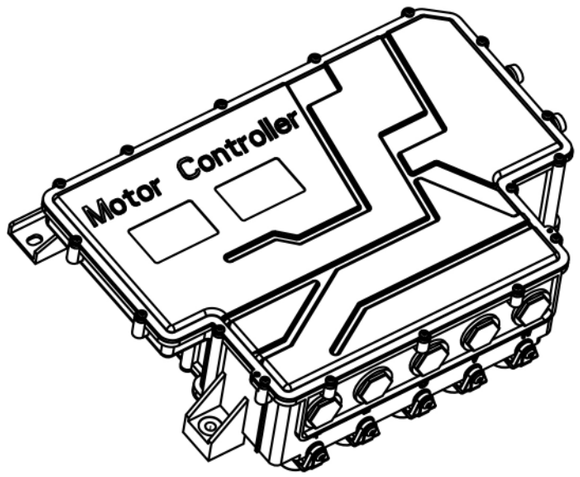


Controller screw recommended torque

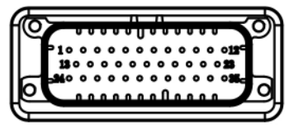
Screw type	Locking torque size
M10(10.9)	60±2N.M
M8(8.8)	20±2N.M
M6(8.8)	8±1N.M
M5(8.8)	4±0.5N.M







Definition of low voltage signal terminal

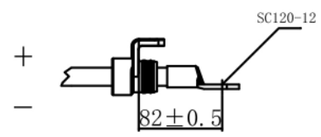


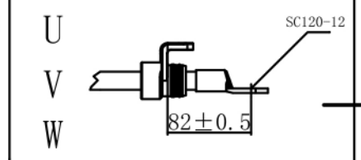
C-GVT03-RS013-35-L02

Plug terminal model	C-GE01-P008-35NNB-Y01

1	KL30		3A	19	CANA_L		/
2	KL15		10mA	20	CANB_L		/
3	KB2		5mA	21	TEM2-		1mA
4	5Vout		50mA	22	COS-		10mA
5	5VGND		50mA	23	S1N-		10mA
6	/		/	24	KL31		3A
7	CANA_H		/	25	KL31		3A
8	CANB_H		/	26	KB4		5mA
9	/		/	27	AD1		/
10	TEM2+		1mA	28	AD2		/
11	COS+		10mA	29	DO1		200mA
12	S1N+		10mA	30	DO2		200mA
13	KL30		3A	31	/		/
14	KB1		5mA	32	TEM1-		5mA
15	KB3		5mA	33	TEM1+		5mA
16	5Vout		50mA	34	EXC+		150mA
17	5VGND		50mA	35	EXC-		150mA
18	/		/				

Schematic diagram of high voltage cable





High voltage connector model
JAR-TE-120

skills requirement

1. Installation method: It is recommended to lay flat, use 4 bolts M10 10.9 grade, connect with the whole vehicle, and the weight of the whole machine is ≤ XXKG;
2. Working environment temperature: -40° C ~+65° C;
3. Cooling method: liquid cooling (50% ethylene glycol & water mixture), it is recommended that the water flow of the water cooling radiator should not be less than 20L/min;
4. Protection level: meet the requirements of IP67 in GB/T 30038-2013 "Road Vehicle Electrical and Electronic Equipment Protection Level (IP Code)";
5. The internal electrical clearance meets the requirements of EN61800-5-1;
7. Refer to the m level in GB/T 1804-2000 for the unfilled linear dimension tolerance, and refer to the K level in GB_T1184-96 for the unfilled shape and position tolerance.
8. All threaded holes need to be protected during surface treatment;
9. The content of lead or its compounds, mercury or its compounds, cadmium or its compounds, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in the material shall meet the requirements of GB/T 30512-2014, and the materials used shall Present the material inspection report;
10. The design life of the product should meet the requirements of 10 years or 150,000 kilometers;
11. Take☆as the key to control the size.

Controller parameters	
Product number	Maximum capacity
RTD040A	400KVA
RTD040B	540KVA
RTD040C	600KVA
RTD040D	800KVA

nameplate

RIFT motor solutions

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