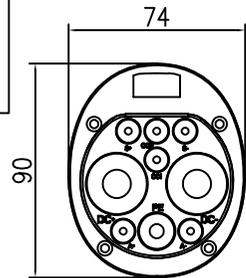
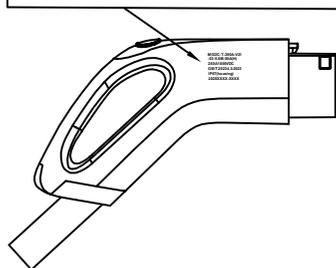
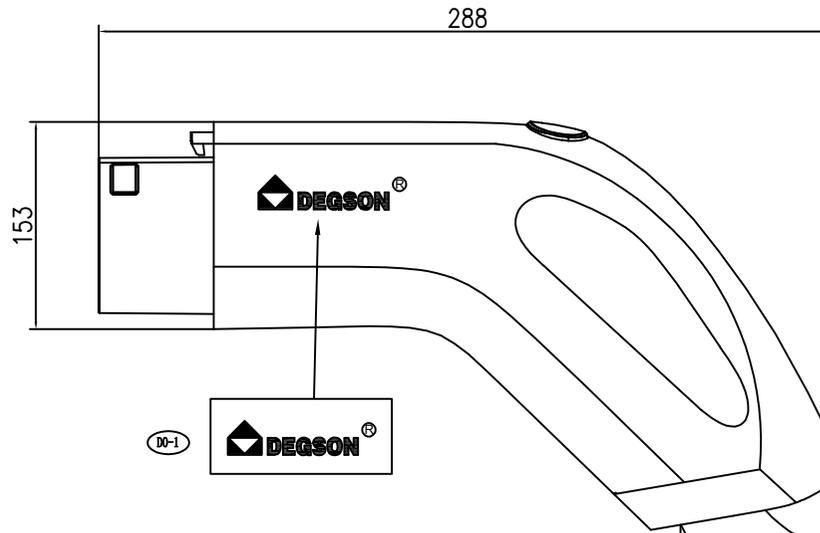


MGDC-T-250A-V21
 -03-5.0M-00A(H)
 250A 1000V DC
 GB/T20234.3-2023
 IP67(housing)
 202XXXXX-XXXX

DO-1



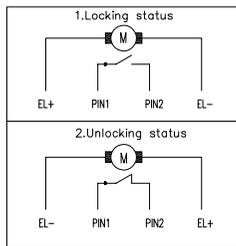
Pin assignment



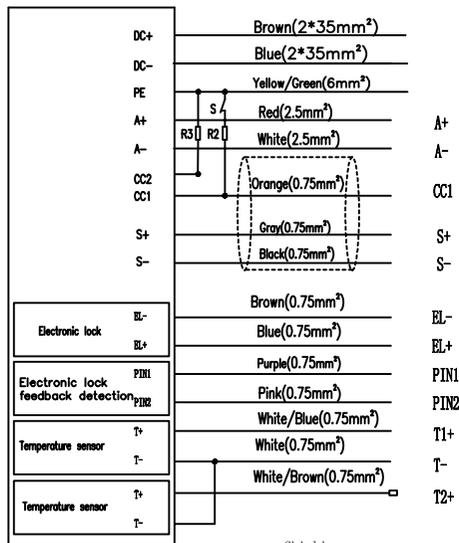
DO-1



Electron-lock diagram



Connection diagram



Notes: R2=1KΩ±3% R3=1KΩ±3%

Vehicle Plug

Electronic lock control principle:

Provide a forward 12V and reverse 12V power control circuit for the electronic lock;

Rated voltage: DC 12V (pulse);

Voltage range: DC 12V±10%;

Maximum current: 250mA;

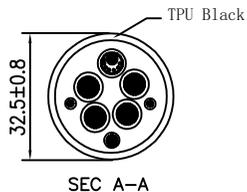
Trigger time: T≤100ms;

Maximum conduction time: 3S (not allowed to conduct for a long time)

1. When the forward 12V power supply is provided, the top rod of the electronic lock is locked, and the detection signal of the microswitch is disconnected;

2. When the reverse 12V power supply is provided, the top rod of the electronic lock is unlocked, and the detection signal of the microswitch is on;

3. If an exception occurs and the account cannot be automatically unlocked, manually unlock the account.



Wire label

- DC+ SC95-8
- DC- SC95-8
- PE SC6-8
- A+ E2510
- A- E2510
- CC1 E1010
- S+ E1010
- S- E1010
- EL- E1010
- EL+ E1010
- PIN1 E1010
- PIN2 E1010
- T1+ E1010
- T- E1010
- T2+ E1010

5000±100
(Measure after straightening)

额定电压/Current	1000V DC 250A
绝缘电阻/Insulate resistance	>500MΩ,500V DC 1min
耐压/Withstanding voltage	DC+,DC- and PE 3500V AC 1min DC+ and DC- 3500V AC 1min
防护等级/Ingress protection	IP67(housing)
插拔寿命/Insertion/Pullout times	10,000 Times
插拔力/Insertion/Pullout force	<140N
使用温度范围/Operating temperature(°C)	-30~+50
线材规格/Cable specification	4*35+6+2*2.5+(2*0.75)(P2)+7*0.75
标准/Reference standard	GB/T 20234.3-2023
符合RoHS环保要求/Conform to RoHS	Yes

DO-1

		MATERIAL:	SURFACE/COLOR:	
APPD:		MAT NO./REV:	/ DO-1	MAT STATUS:
CHKD:		NAME MGDC-T-250A-V21-03-5.0M-00A(H)		
DRFT:	ZhouC 2025.04.03	DRAWING NO.	TYPE	DRAWING STATUS
		CUSTOMER DRAWING		SCALE
				1:6
				SHEET
				1/1

REV	ECN	DESCRIPTION	DRFT	DATE