

The logo consists of the letters "ADD" in a bold, white, sans-serif font. The letters are partially overlaid by a blue-toned image of a car's interior dashboard and digital displays.The word "Technology" is written in a large, bold, black font. The letters are filled with a colorful, abstract image of a landscape at sunset or sunrise, with warm orange and yellow tones.

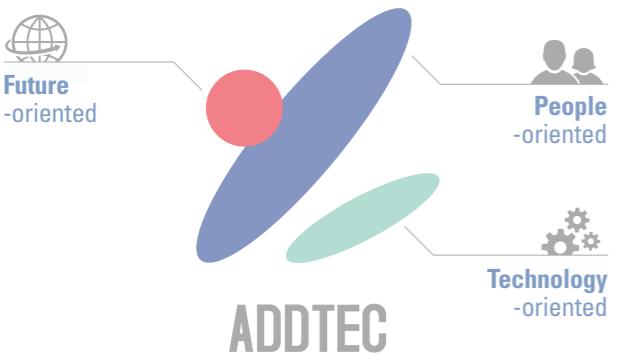
FOR THE MOST COMFORTABLE DRIVING



Specializing in automotive
HVAC components and electronic parts



COMPANY CI

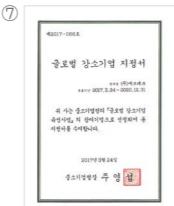


CERTIFICATIONS



Major Certification

- 1. ISO/TS 16949
- 2. ISO 9001
- 3. ISO 4001
- 4. SQ HKMC
- 5. Technology Laboratory Built
- 6. INNO BIZ
- 7. Global Hidden Champion



HISTORY

1993. 07	Established as "Samwha Elma" ㈜삼화엘마 설립
1995. 10	Developed Motor Actuators for HVAC Module 차량 에어컨용 모터 액추에이터 개발
1999. 09	Renamed as "ADDTEC Co., Ltd." ㈜에드테크 상호 변경
2000. 12	Developed & mass produced Rear Wiper Controllers Rear Wiper 모터 컨트롤 개발 및 양산
2006. 03	Established the Company-run Technical Center approved by Korean Industrial Technical Promotion Association 기업부설 연구소 설립
	Approved as a Venture Company by Small & Medium Business Administration 벤처기업 선정
2006. 05	Approved as an INNOBIZ Company INNOBIZ 기업 선정
2006. 06	Acquired SQ-Mark (EL212) by HMC / KMC SQ-Mark HMC / KMC (EL 212) 인증 획득
2006. 11	Acquired ISO / TS16949 : 2002 from URS ISO / TS16949 : 2002-URS 인증 획득
2007. 10	Developed & mass produced 4WD Actuators 4WD 액추에이터 개발 및 양산
2009. 04	Developed & mass produced PTC Heaters PTC 히터 개발 및 양산
2009. 10	Developed & mass produced ECUs for seat heaters (L43) 시트 히터 컨트롤 개발 및 양산 (L43)
2010. 03	Developed & mass produced heaters & ECUs for ventilated seats (BH) 통풍 시트 히터 & ECU 개발 및 양산 (BH)
2012. 10	Equipped with SMT Line & mass produced ECUs SMT Line 구축 및 ECU 양산
2012. 11	Developed & mass produced PWM PTC heaters for mini buses 미니버스용 PWM PTC 히터 개발 및 양산
	Developed & mass produced heaters & ECUs for ventilated seats (LM) 통풍 시트 히터 & 컨트롤 개발 및 양산 (LM)
2013. 06	Developed & mass produced ECUs for heating & cooling seats of commercial vehicles 상용차 네·난방 시트 컨트롤 개발 양산
	Developed & mass produced PTC Heaters for commercial vehicles 상용 PTC 히터 개발 및 양산
2014. 11	Awarded as a Five Million USD Exporting Company 500만불 수출탑 수상
2015. 01	Developed & mass produced VBM PCB Assemblies for Daimler Benz (BR213 & X253) 다임러 벤츠 VBM PCB Assembly 개발 및 양산 (BR213 & X253)
2017. 01	Developed & mass produced 48V PTC Heaters for electric golf cars 전기 골프차용 48V PTC 히터 개발 및 양산
2017. 03	Awarded as a Global Hidden Champion 글로벌 강소기업 선정
2017. 09	Developed Blower Motors for ventilated seats (OS EV) 통풍 시트 블로워 모터 개발 (OS EV)
2018. 10	Developed & mass produced Blower Motors for Daimler Benz (BR167) 볼터 모터 개발 및 양산 (BR167)
2019. 07	Development and production of connector housing for Hyundai Motor CVVD engine motor 현대차 CVVD엔진 모터용 커넥터 하우징 개발 및 양산
2019. 10	Established Electronics Research Institute in Bundang, Gyeonggi 경기도 분당 전자연구소 개소
2019. 12	Developed and produced bus air conditioner evaporator and condenser 250W BLDC motor 버스에어컨 에바포레이터 및 콘덴서 250W BLDC 모터개발 및 양산

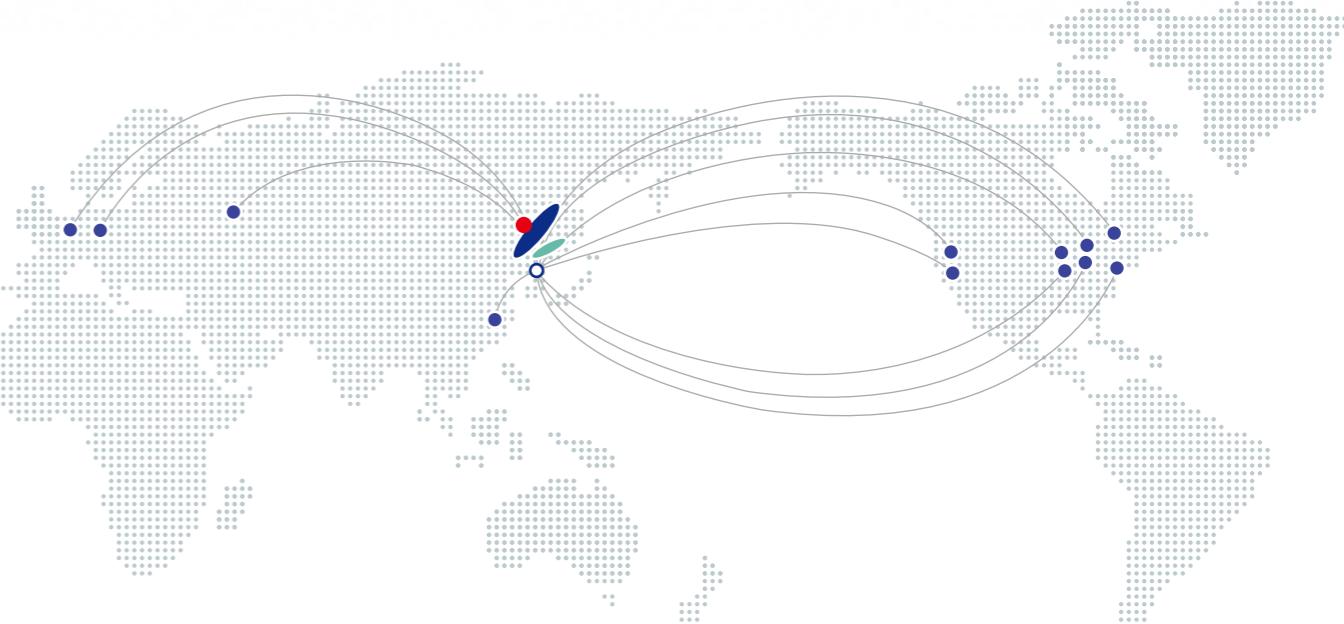


Company Specialized in auto motive HVAC components and electronics parts.

The 21st century needs more convenient, safer and environment-friendly products. Here we, at Addtec, will produce our products with the best technology and quality for the customer. We promise we will do our best to provide the best value to our customers.

CUSTOMERS

➤ Growing with customers



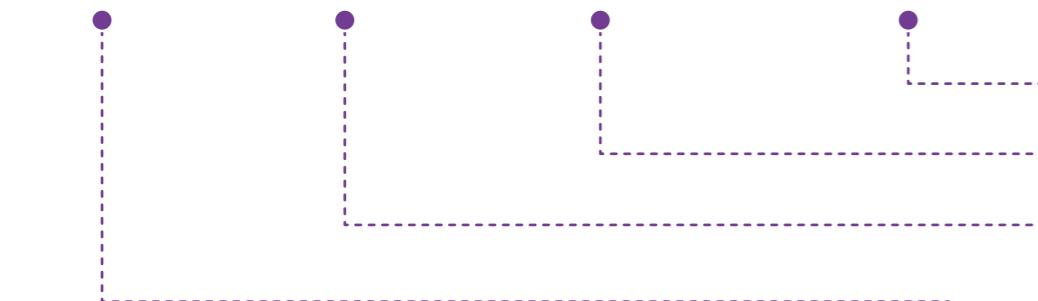
MAIN PRODUCTS

Actuator, PTC Heater, ECU(Electronic Control Unit) for Seat Ventilation, Motor & PCB Assembly
액추에이터, PTC 히터, 통풍 시트 컨트롤, 모터 & PCB 어셈블리

ECU (Electronic Control Unit)



Rear Wiper Controller ECU for Seat Ventilation ECU for Seat Ventilation Winch Motor Load Interrupt Controller



BLDC MOTOR



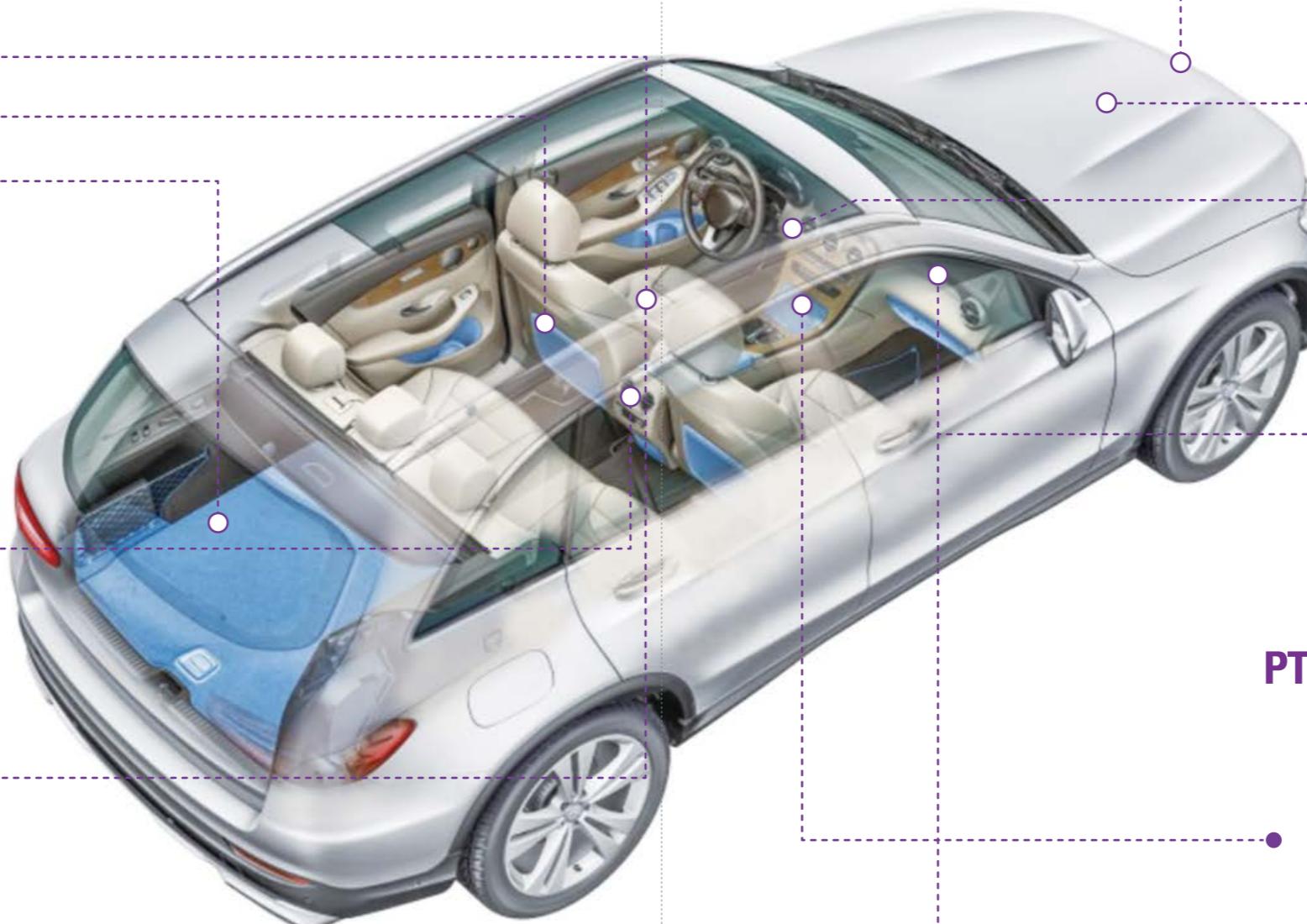
VBM Motor PCB Assembly



Blower Motor for Ventilated Seats



Blower Motor for HVAC



ACTUATOR



Valve Actuator



4WD Actuator



Motor Actuator

PTC (Positive Temperature Coefficient) HEATER



PTC Heater
(for EV golf cars)



PTC Heater
(Manual)

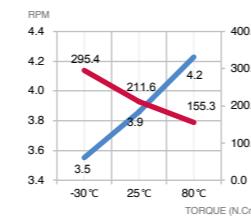


PTC Heater
(PWM)

MOTOR ACTUATOR

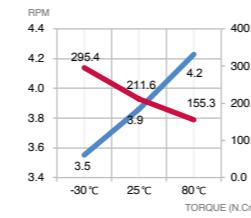
Devices control air temperature from AC vents, recirculation/outside air intake and actuate the HVAC door flap to control air direction
에어컨으로부터의 공기 온도, 공기 순환을 제어하고 HVAC의 Damper를 조절하여 송풍 방향 제어

ANI-M1



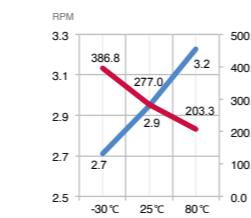
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	USER SPEC	36	150 ~ 200	3.0 ~ 4.0	50 × 80 × 28	110
DC 16 ~ 32							

ANI-M2



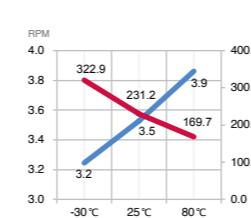
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	125 / 75	36	180 ~ 210	3.5	71 × 95 × 28	90
DC 16 ~ 32							

ANI-M3



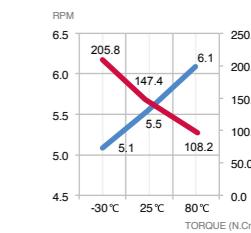
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	USER SPEC	36	150 ~ 200	3.0 ~ 4.0	65 × 90 × 30	110

ANI-M4



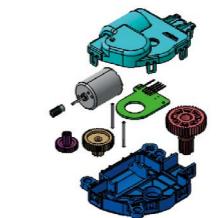
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	80	43	Below 300	Below 2.0	90 × 100 × 28	140

ANI-M5



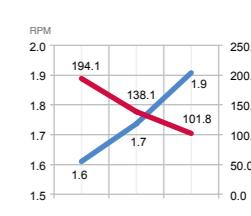
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	125	43	Below 200	Below 2.0	80 × 90 × 30	140

ANI-M6



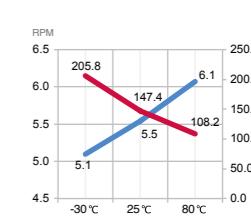
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	360	50	Over 120	Over 2.0	69 × 90 × 46	108

ANI-M7



Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	360	50	Below 200	Over 2.0	84 × 106 × 35	114

ANI-M8

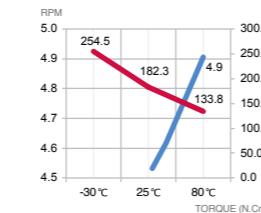


Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	360	50	Over 200	Over 2.0	102 × 102 × 56	267

MOTOR ACTUATOR

Devices control air temperature from AC vents, recirculation/outside air intake and actuate the HVAC door flap to control air direction
에어컨으로부터의 공기 온도, 공기 순환을 제어하고 HVAC의 Damper를 조절하여 송풍 방향 제어

ANI-M9



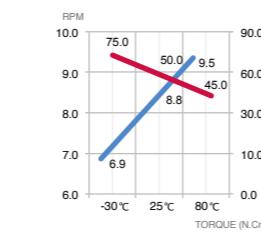
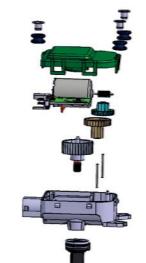
Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	360	40	Below 350	Below 1.5	98.7 × 67.5 × 22.5	105

ANI-M10



Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	~40 ~ +85	100	50	200	4	93.5 × 90.9 × 41.5	113

ANI-M11

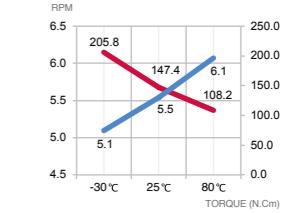


Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 19 ~ 28	~40 ~ +85	183	43	70	8.8	87.5 × 63.6 × 50.5	120

VALVE ACTUATOR

Device opens and closes a water valve
워터 밸브 개폐

ANI-M12

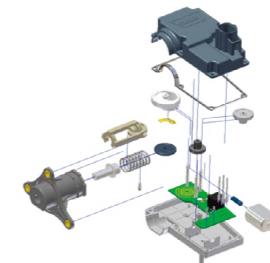


Operation Voltage (V)	Operation Temperature (°C)	Output Angle (°)	Noise (dB)	Stall Torque (N.cm)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +85	125	40	Below 200	Below 1.5	80 × 90 × 30	170

4WD ACTUATOR

Device changes driving mode (4WD ↔ 2WD)
드라이빙 모드 전환 (4륜 ↔ 2륜)

ANI-M13



Operation Voltage (V)	Operation Temperature (°C)	Output Distance (mm)	Force (kg)	RPM (No Load)	Size (mm)	Weight (g)
DC 9 ~ 16	-40 ~ +120	12.0	Min. 12.0	30	100 × 100 × 80	170

PTC HEATER

Device is for auxiliary heating system that heats up the air by electrical energy for diesel vehicles
전기 에너지를 이용해 공기를 가열하는 디젤 차량용 히터 보조 장치

ANI-P1



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Performance (W)	Size (mm)	Weight (g)
DC 13.5	DC 8 ~ 16	-30 ~ +85	CUSTOM	1,000	258.7 × 118 × 28	248.5

ANI-P4



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Performance (W)	Size (mm)	Weight (g)
DC 24	DC 20 ~ 32	-30 ~ +80	CUSTOM	1,400	225 × 143 × 68	475

ANI-P2



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Performance (W)	Size (mm)	Weight (g)
DC 13.5	DC 8 ~ 16	-30 ~ +80	CUSTOM	1,000	258 × 145.6 × 26.5	262.5

ANI-P5



Device heats up the air
by electrical energy

전기 에너지를 이용하여
공기를 가열하는 히터 장치

Operation Voltage (V)	Air Intake Temperature (°C)	Performance (W)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 28	25 ± 3	180	CUSTOM	66 × 36 × 63	64.2

ANI-P3



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Performance (W)	Size (mm)	Weight (g)
DC 24	DC 20 ~ 32	-30 ~ +80	CUSTOM	1,100	256.5 × 203 × 42	531

ANI-P6



Device heats up the air
by electrical energy

전기 에너지를 이용하여
공기를 가열하는 히터 장치

Operation Voltage (V)	Air Intake Temperature (°C)	Performance (W)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 48	25 ± 0.5	350 ~ 640	CUSTOM	81 × 74 × 94	220

ECU for Seat Ventilation

Devices control heating wires and the amount of air from ventilated seats to keep drivers at a desired temperature for a comfortable driving environment
통풍 시트의 풍량 및 열선을 제어하여 쾌적한 운전 환경을 위해 운전자가 원하는 온도로 유지

ANI-E1



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-40 ~ +75	CUSTOM	108 × 66 × 35.5	95.3

ANI-E4



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-30 ~ +75	PWM	89.7 × 108 × 35.4	95.5

ANI-E2



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-30 ~ +75	CUSTOM	120 × 73 × 28	77.6

ANI-E5



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-30 ~ +80	CUSTOM	56 × 29 × 30	25

Seat Heater Controller

Device controls heating wires of car seats

ANI-E3



Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-20 ~ +80	CUSTOM	163 × 83.5 × 36	93.3

OTHER ECU

BLDC MOTOR

ANI-E6

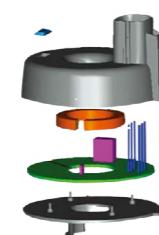


Rear Wiper Controller

Device is installed to the rear glass operating system of SUV vehicles to control wiper motors

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 9 ~ 16	-30 ~ +80	CUSTOM	80 × 112 × 30	150

ANI-E7



Winch Motor Over Load Interrupt Controller

Device is designed to prevent winch motors from over flow of electric current

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 12	DC 7 ~ 32	-40 ~ +110	CUSTOM	171 × 34 × 105	200

ANI-E8



VBM (Ventilation Booster Module) Motor PCB Assembly

Device accelerates the hot/cool air from the HVAC to the rear seats

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Motor Power (W)	Size (mm)	Weight (g)
DC 12	DC 8.5 ~ 16.5	-40 ~ +85	80	ø90 × 25	146.9

ANI-E9



Blower Motor for HVAC

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Motor Power (W)	Size (mm)	Weight (g)
DC 12	DC 8.5 ~ 16.5	-40 ~ +85	180	ø159 × 43.3	572.5

ANI-E10



Blower Motor for Ventilated Seat

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Control Temperature (°C)	Size (mm)	Weight (g)
DC 24	DC 20 ~ 32	-20 ~ +80	-3 ~ 38	180 × 135 × 48.5	190

ANI-E11



Blower motor for Bus Air Conditioning (Evaporator & Condenser)

Rated Voltage (V)	Operation Voltage (V)	Operation Temperature (°C)	Motor Power (W)	Size (mm)	Weight (g)
DC 24	DC 20 ~ 32	-30 ~ +80	250	267.8 × 92 × 63.4	1205