

新基业汽车电子创立于1991年，作为中国车用环境控制产品研发与生产的中坚力量，多年来新基业秉承“专注、专心、专一”的经营理念，扎根汽车电子行业，深度研发车用环境控制技术，为各种高水平车用环境及电气控制产品及技术的国际推广和国内应用做出了卓越贡献，尤其是在汽车行业，新基业公司赢得了国内外广大车用空调相关企业的同声赞誉，各种先进的技术和设备在厂家取得了良好的应用，并取得数十项国内外专利，在一定程度上提高了中国车用环控产业的技术水平和竞争实力。

Zhengzhou Newbase Auto Electronics Co., Ltd. is established in 1991. For over 20 years, NEWBASE has developed advanced technology strength, strong production capacity and talents of technology development team. Adhering to the company philosophy Focus, Attention, Professional, NEWBASE devote to leading the vehicle climate control industry. We have made fabulous contribution to the climate control technology development domestic and abroad, while getting high approval from HVAC manufacturer and related enterprises. NEWBASE would be keep going to offer more advance technology and excellent product.

主旨：车用环境控制产品的专业配套和OEM供应；

配套客户：大冷王、SAFKAR、康维特、电装、新同创、劲达、太昌空调、博格思众、贝尔、三电、松芝、宇通客车、金龙客车、三一重工、福田、小金龙、中通客车、神钢、TATA、M&M等。

Main purport: Supply the excellent Vehicle environment control product and advance technology

Partners: Thermo king; SAFKAR; Konvekta; Denso; NTCAC; Kingtech; OPAT; Bergstrom; BEHR; SANDEN; SONGZI; YUTONG BUS; KINGLONG BUS; SANY; FOTON; HIGER; ZHONGTONG PASSENGER CAR; KOBELCO; TATA; Mahindra, etc.

快速的交货与服务：新基业公司的产品透过各级分公司和派出机构向世界各地辐射销售。由熟知客户需求的专业工程师直接面对客户，根据客户的设计要求，和客户一起对产品进行设计和选型，同时有针对性的向客户推荐各种适宜的配套产品。确保用户以最合理的性价比达到最完美的效果。

Fast delivery and service

NEWBASE set the branch office or sales agent around the world. Our engineers would offer you professional technology support. According to the specification of AC system, technical people would help you with model-selection or design suggestion. It helps you to get the most suitable product.

AE技术支持：我们的应用工程师帮助您将您所选用的产品良好的设计和应用到您的系统工程中；同时，他们又具有广泛的汽车产品研发、调试的知识和经验，可以帮助您解决大量的实际设计和应用过程中技术问题。

AE technology support:

Newbase technology support engineers help you to install and test the system, with adequate knowledge and experience in HVAC system, they could help you with kinds of questions about AC system

良好的售后服务：新基业公司良好的技术支持和售后服务，将有助于我们的客户免除任何的后顾之忧；所有的技术支持和售后服务人员都经过严格的专业培训，足以为客户提供各种技术方案，产品选型，技术安装调试，客户培训等服务。

After sale service:

NEWBASE offer super technical support for after sales.

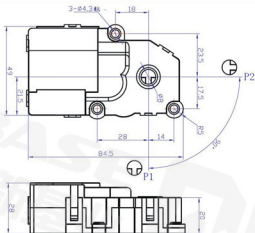
All the after sales technical people are required to take regular technical training. They are knowledgeable enough to release you from the after-sales trouble.

Chapter 8

执行器

Actuator

内外循环控制风门执行器/Intake Air Ventilation Servo Actuator



★功能说明 Function

INTAKE 型号风门执行器主要用于轿车空调的内外循环切换的风门控制功能。通过切换执行器的接线端极性开关风门, 实现空调系统的内外循环模式的切换目的。

INTAKE actuator is used to control the fresh air damper in the auto AC system. Change the polarity of wiring to open or close the damper automatically.

★应用实例 Application

韩国万都空调系统, 韩国现代汽车自动空调系统, 韩国起亚汽车空调系统, 韩国大金空调系统, 电装空调系统, 三星汽车空调系统。

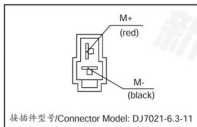
WINIA MANDO, HYUNDAI bus, KIA motor, SSMC, DAIHAN, DENSO.

★可选装的附件/ Accessories

1. 装配垫板: 多种规格, 或根据客户要求订制;
2. 旋转力臂: 多种规格, 或根据客户要求订制;
3. 电器复合插头: 根据客户要求选配;

1. Bracket: plentiful selection, or customization;
2. Lever: plentiful selection, or customization;
3. Connector: customization.

★电路和电器连接图 Wiring diagram



★技术参数 Technical data

电源 Power supply DC24V/DC12V

功耗 Power 3W

工作电流 Current Max.70mA

电缆 Electrical connection Max.1m X 0.5mm²

转动方向 Direction of rotation CW/CCW

转动角度 Angle of rotation 78.2° ±2° (adjustable)

扭矩 Torque 4kgf.cm

转动时间 Running time 5.0 ± 1 rmp

锁止扭矩 Locked torque 12kgf.cm

锁止电流 Locked current Max.250mA

噪音水平 Noise level Max.43dB(A)

使用温度范围 Ambient temperature -30°C~80°C

存储温度范围 Storage temperature -40°C~85°C

使用寿命 Life Max.500,000 cycle

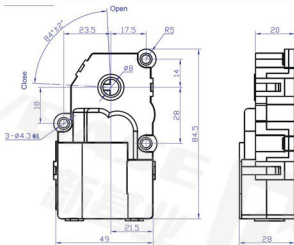
外形尺寸 Dimension 83X50X28mm

重量 Weight 94g

质量体系 Quality certifications TS16949/ISO9001

备注 Memo

新风总成风门执行器 / SWITCH Servo Actuator



★功能说明 Function

SWITCH型号风门执行器主要用于客车空调的新风系统的风门控制功能。
通过接通、切断执行器的控制线(+)，实现空调系统的新风系统的开关目的。

SWITCH actuator is used to control the fresh air damper in the bus AC system.
Turn on/off the fresh air device of AC system by putting through/cutting off the control wire(+) of the actuator

★应用实例 Application

韩国万都空调系统，韩国现代汽车自动空调系统，韩国起亚汽车空调系统，韩国大金空调系统，电装空调系统，三星汽车空调系统，宇通客车，金龙客车。

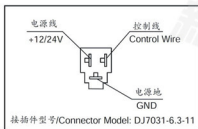
WINIA MANDO, HYUNDAI, KIA, SSMC, DAIHAN, DENSO, YUTONG BUS.

★可选装的附件/ Accessories

1. 装配垫板: 多种规格, 或根据客户要求订制;
2. 旋转力臂: 多种规格, 或根据客户要求订制;
3. 电器复合插头: 根据客户要求选配;

1. Bracket: plentiful selection, or customization;
2. Lever: plentiful selection, or customization;
3. Connector: customization.

★电路和电器连接图 Wiring diagram



★技术参数 Technical data

电源 Power supply DC24V/DC12V

功耗 Power 3W

工作电流 Current Max. 70mA

电缆 Electrical connection Max. 1m X 0.5mm²

转动方向 Direction of rotation CW/CCW

转动角度 Angle of rotation 114° ±2° (adjustable)

扭矩 Torque 4kgf.cm

转动时间 Running time 3.5± 0.5 rpm

锁止扭矩 Locked torque 12kgf.cm

锁止电流 Locked current Max. 250mA

噪音水平 Noise level Max. 42dB(A)

使用温度范围 Ambient temperature -30℃-80℃

存储温度范围 Storage temperature -40℃-85℃

使用寿命 Life Max. 500,000 cycle

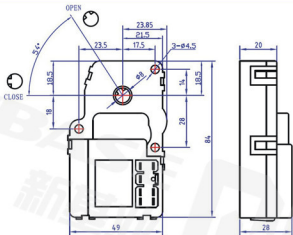
外形尺寸 Dimension 83X50X28mm

重量 Weight 94g

质量体系 Quality certifications TS16949/ISO9001

备注 Memo

调温控制风门执行器/TEMP Control Actuator



★功能说明 Function

TEMP型号风门执行器主要用于轿车和特种车辆空调的温度调节的风门控制功能。

通过切换执行器的接线端极性开关风门，同时执行器自动将风门的位置反馈回系统，实现温度的连续调节。

TEMPactuator is used to control the temp and air damper of the car and special vehicle.

Continuously adjust the temp by switching polarity of actuator wiring, at the same time, the actuator will send the ventilation door position signal back to system.

★应用实例 Application

韩国万都空调系统，韩国现代汽车自动空调系统，韩国大金空调系统，电装空调系统，三星汽车空调系统，依维柯都灵V空调系统。

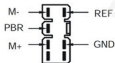
WINIAMANDO, HYUNDAI, SSMC, DAIHAN, DENSO, IVECO

★可选装的附件/Accessories

1. 装配垫板: 多种规格, 或根据客户要求订制;
2. 旋转力臂: 多种规格, 或根据客户要求订制;
3. 电器复合插头: 根据客户要求选配;

1. Bracket: plentiful selection, or customization;
2. Lever: plentiful selection, or customization;
3. Connector: customization.

★电路和电器连接图 Wiring diagram



接插件型号/Connector Model: DJ7072-3-11

★技术参数 Technical data

电源 Power supply DC24V/DC12V

功耗 Power 3W

工作电流 Current Max.70mA

电缆 Electrical connection Max.1m X 0.5mm²

转动方向 Direction of rotation CW/CCW

转动角度 Angle of rotation 84°/108° ±2° (adjustable)

扭矩 Torque 4kgf.cm

转动时间 Running time 3.5+ 0.5 rpm

锁止扭矩 Locked torque 12kgf.cm

锁止电流 Locked current Max.250mA

噪音水平 Noise level Max.43dB(A)

使用温度范围 Ambient temperature -30℃-80℃

存储温度范围 Storage temperature -40℃-85℃

使用寿命 Life Max.500,000 cycle

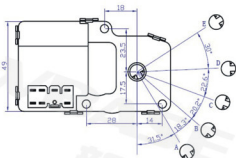
外形尺寸 Dimension 83X50X28mm

重量 Weight 94g

质量体系 Quality certifications TS16949/ISO9001

备注 Memo

多角度执行器/ MODE Control Actuator



★功能说明 Function

多角度执行器主要用于轿车和特种车辆空调的送风角度控制的风门控制功能。通过执行器不同的接线端的连接切换，实现叶片的转角位置的切换，达到送风角度的切换目的。

MODE actuator (multi-position) applies to control the mode of air damper in the car & special vehicle AC system.

By switching the terminal connection of the actuator, turn the blade at different mode, so as to switch the air mode.

★应用实例 Application

韩国万都空调系统，韩国现代汽车自动空调系统，韩国大金空调系统，电装空调系统，三星汽车空调系统，昌河赛迪尔轿车空调系统。

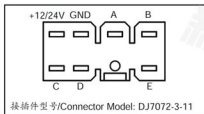
WINIA MANDO, HYUNDAI, SSMC, DAIHAN, DENSO, CHANGHE IDEAL.

★可选装的附件/ Accessories

1. 装配基板: 多种规格, 或根据客户要求订制;
2. 旋转力臂: 多种规格, 或根据客户要求订制.
3. 电器复合插头: 根据客户要求选配;

1. Bracket: plentiful selection, or customization;
2. Lever: plentiful selection, or customization;
3. Connector: customization.

★电路和电器连接图 Wiring diagram



★技术参数 Technical data

电源 Power supply DC24V/DC12V

功耗 Power 3W

工作电流 Current Max.70mA

电缆 Electrical connection Max.1m X 0.5mm²

转动方向 Direction of rotation CW/CCW

转动角度 Angle of rotation 18°/20°/22°/30°/±1° (adjustable)

扭矩 Torque 4kgf.cm

转动时间 Running time 3.5±0.5 rpm

锁止扭矩 Locked torque 12kgf.cm

锁止电流 Locked current Max.250mA

噪音水平 Noise level Max.42dB(A)

使用温度范围 Ambient temperature -30℃~80℃

存储温度范围 Storage temperature -40℃~85℃

使用寿命 Life Max.500,000 cycle

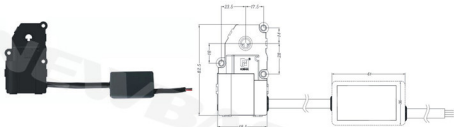
外形尺寸 Dimension 84X50X28mm

重量 Weight 94g

质量体系 Quality certifications ISO9001/TS16949

备注 Memo

压控执行器/Voltage Control Actuator



★功能说明 Function

通过输入0-10V控制电压启动执行器
角度由0-90° 旋转可调。

Turn on water valve via 0-10V voltage control.
Angle range: 0-90°(adjustable)

★应用实例 Application

USA market

★可选装的附件/Accessories

1. 装配垫板: 多种规格, 或根据客户要求订制;
2. 旋转力臂: 多种规格, 或根据客户要求订制;
3. 电器复合插头: 根据客户要求选配;

1. Bracket: plentiful selection, or customization;
2. Lever: plentiful selection, or customization;
3. Connector: customization.

★技术参数 Technical data

电源 Power supply DC24V/DC12V

功耗 Power 3W

工作电流 Current Max.108mA

电缆 Cable: customization

扭矩 Locked torque 4kgf.cm

转动时间 Running time 4+1 rpm

锁止扭矩 Locked torque 12kgf.cm

锁止电流 Locked current Max.300mA

噪音水平 Noise level Max.43dB(A)

使用温度范围 Ambient temperature -30℃-80℃

存储温度范围 Storage temperature -40℃-85℃

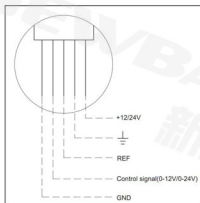
使用寿命 Life Max.200,000 cycle

外形尺寸 Dimension 84X50X28mm (actuator)
61X36X25mm(V-control box)

重量 Weight 210g

质量体系 Quality certifications ISO9001/TS16949

★电路和电器连接图 Wiring diagram



备注 Memo

Guangzhou Office

Room 806, Tianjun International Plaza, Tianhe Road #365, Guangzhou, China

Tel: +86(20)-3880 3574, 3880 3584

Fax: +86(20)-3880 3547

Zhengzhou Office

No.8, Hongnan Road, Long Ding Business Center, Zhengzhou, China

Tel: +86(371)-6799 9595, 6799 9696

Fax: +86(371)-6799 9393

Email: info@newbasecn.com

Website: www.newbasecn.com

