

Technical datasheet clima A24-10xx



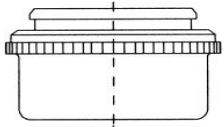
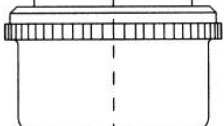

1. Product description



The actuator A24-10xx is a noiseless and maintenance-free continuous electro-thermal actuator that is suitable for connection to clima RCM CC, clima RO-CC, clima AA4-10V, clima AA8-10V or clima FCB-10V. The control signal is a 0-10V analog signal.

The drive has an optical level indicator, so that at any time the valve position can be read.

By using different adapters (sold separately) is suitable to use the actuator for all common types of valves:

Order number	Valve Brand	Specification	Picture
VA80	Heimeier, Herb, Onda, Oeven-trop (M30x1,5), Schlösser ab 93	M30x1,5	
VA50	Honeywell, Brauckmann, Reich, Landis&Gyr, MNG	M30x1,5	
VA50H	Böhnisch	M30x1,5	
VA78	Danfoss RA		
VA26	Giacomoni		

Other adapters on request

2. Mounting and installation

- The device is designed for mounting on radiator - valves or manifolds.
- The assembly of the valve by simply place it on the optional valve adapter. The optional valve adapter is screwed onto the valve body.
- The cable is connected via screw terminals.



The circuits of the inputs must meet the requirements for safety extra-low voltage (SELV)



The installation and assembly of electrical equipment may only be performed by a qualified electrician.



Relevant standards, guidelines, rules and regulations of the respective country must be observed in the planning and construction of electric installations.



The specification must be met.

3. Technical data

Power supply

Operating voltage (020 345)	24 VAC
Operating voltage (020 346)	24 VDC
Current input	typ. 80 mA (1920 mW) max.250 mA (6000mW)

Connections

Actuator connection	Cable end open
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Drive data

Travel range	3 mm
Operating time	< 3 minutes
Force	90 Nm

Housing

Type of protection	IP 20 (DIN 40050 / IEC 144)
Dimensions	48 x 43 mm (B x D)
Type/location of installation	Installation of radiator valves or heat cycle

Ambient conditions

Operating temperature	-5°C ... +45°C
Storage temperature	-25°C ... +55°C
Transport temperature	-25°C ... +70°C
Relative humidity	5% ... 93% (w/o condensation)
Installation height	up to 2000 m above sea level

Standards

Device safety	acc. to EN 50 090-2-2
Certification	CE

4. Order information

Order number	Description
020 345	clima A24-10 AC electrothermal actuator, length of the connection cable 1.0 m
020 346	clima A24-10 DC electrothermal actuator, length of the connection cable 1.0 m

5. Support

The information given in this manual was carefully compiled. Should you have any further questions regarding this product, please contact:

SafeSquare GmbH

Am Graben 2-6
42477 Radevormwald
Germany

Fon: +49 (2191) 56814-0
Fax: +49 (2191) 56814-89
Email: info@safesquare.eu