

Technical Datasheet clima AA4

1. Product description



The clima AA4 damper actuator is designed for connection to spega M/R series LON controller.

It offers 4 outputs for 4 thermoelectric drives or 2 motor drives with an operating voltage of 24V AC or 230V.

The TRIAC outputs have a continuous load capability of up to 750mA and 2 separate supply cables for different voltage sources or phase conductors.

The damper actuator can be operated in conjunction with other e.control actuators for heating, ventilation and air-conditioning technology together on one controller.

For configuration purposes, a comfortable LNS plug-in is available for the controller.

2. Mounting and installation

2.1. Mounting

1. Installation on DIN EN50022 rail, width 3 TE
2. The connection interface is located on the left-hand side of the housing. The actuator must only be operated with spega e.control controllers. Observe the maximum space available on the DIN rail.



Electrical devices must be assembled and installed by trained personnel only.



Please observe local standards, guidelines and regulations when planning and installing electrical devices.



Do not exceed device specifications.

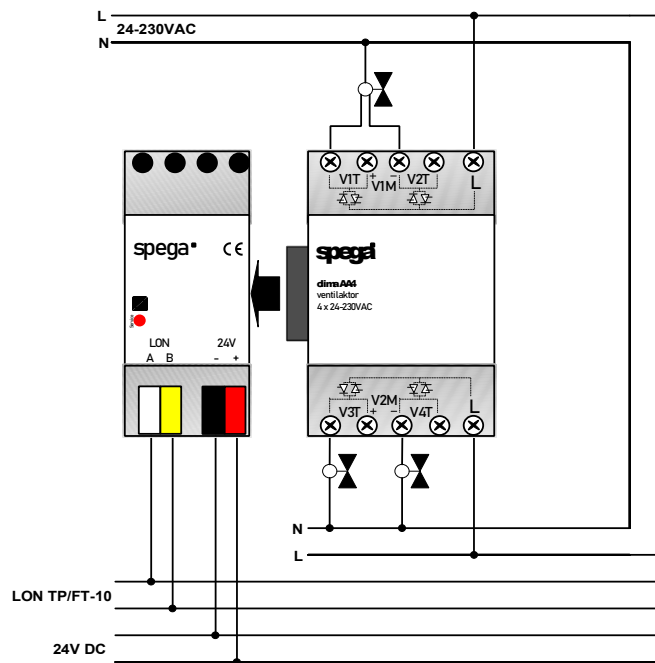


The system installer has to take care that the correct application and the associated parameters are corresponding with the wiring and the intended use of the device.



Connecting or disconnecting modules or controllers is only allowed if they are disconnected from all power supplies.

2.2. Installation



3. Technical Data

Power supply

Operating voltage	via spega M/R series LON controller
Current consumption (full load)	40 mA (1W)
Power dissipation (max.)	3 W

Inputs/Outputs

Actuator interface	Control interface for spega modules
Actuator outputs	4 TRIAC outputs 24-230VAC, max. 750mA, (external power supply)TT

Connections

Actuator Interface	integrated 14 pin connector
Actuator outputs	10 x 1pin terminal screw connection, Ø up to 4mm ²

Housing

Protection	IP 20 (EN 60529)
Dimensions	85(45) x 52,5 x 60 mm (H x W x D) – corresponds to 3 modular spacings
Type/location of installation	distribution board, 35mm DIN mounting rail

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

Safety

Electrical isolation	SELV (EN 60950)
Protection class	II (DIN EN 61140, VDE 0140-1)

Standards

Device safety	EN 50090-2-2
Immunity	EN 50090-2-2
Certification	CE

4. Order information

Order Number	Product	Description
120 324	clima AA4	Digital output, 4 channels, for 4 thermoelectric or 2 motor driven actuators (24VAC / 230VAC)
121 000 C	sistema MC	LON Universal controller for M/R series modular actuators

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