OPENAIR GCA12..1 ROTARY ACTUATORS

Product Data Sheet

GCA126.1E

Spring-return rotary damper actuator

ACTUATING SUPPLY	MAINS FREQUENCY	CONTROL MODE	NOMINAL TORQUE
24 V AC	**50/60 Hz**	**Two-position**	**16 Nm**

Siemens GCA126.1E is a 24 V AC OpenAir rotary damper actuator with two-position control and spring return. It delivers 16 Nm nominal torque through a nominal 90-degree travel. When power is removed, the spring mechanism returns the actuator to its defined zero position.

01 TECHNICAL DATA

Actuating supply	24 V AC
Mains frequency	50/60 Hz
Control mode	Two-position
Nominal torque	16 Nm
Spring return torque	16 Nm
Nominal travel	90 degrees
Motor travel time	90 seconds for 90 degrees
Spring return time	15 seconds
Auxiliary contacts	2 adjustable changeover switches
Switch adjustment	5 to 85 degrees, 5-degree steps

Siemens OpenAir GCA12..1/GCA32..1 Data Sheet CM2N4613E, February 1999; GCA126.1E variant.

02 ADDITIONAL PRODUCT DATA

Switch hysteresis	2 degrees
Factory switch positions	A 5 degrees; B 85 degrees
Running demand	8 VA / 6 W
Holding demand	3 VA / 1.5 W
Prewired cable length	0.9 m

03 PRODUCT FUNCTION

This version includes two adjustable auxiliary changeover switches, factory set at 5 and 85 degrees. Motor-driven travel takes 90 seconds and spring return takes 15 seconds. The actuator is prewired with 0.9 m cables, and mechanical travel limitation is adjustable in five-degree increments.

04 SYSTEM COMPATIBILITY

Set the mechanical travel and auxiliary switching angles from the specified zero-position reference. The switches are built into this version and cannot be assumed to have the desired field settings merely because the actuator is new.

05 REFERENCE

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