# Product datasheet

Specifications



## MD5B Electric Damper Actuator, 2-Position, Non-Spring Return, 24Vac/dc, 1m Cable, 5Nm, S2 Switch, IP54

8751007000

## Main

| | |
|---|---|
| **Product or component type** | Actuator |
| **Actuator type** | Electric |
| **Actuator product series** | MD |
| **Actuator model** | MD5B-24 |
| **Product destination** | dampers |
| **Actuator** | Rotary |
| **Control type** | Automatic reset |
| **Switch function** | 2 SPDT |
| **rated supply voltage** | 24 V AC |
| **Transformer rated power in VA** | 1.5 VA |
| **Power consumption in W** | 1 W |
| **Power consumption in VA** | 1 VA AC |
| **Hold-in power consumption in W** | 0.2 W |
| **Hold-in power consumption in VA** | 1.5 VA AC |
| **Control signal** | 2-position (on/off) |
| **Power loss return** | Non-spring return |
| **Stroke auto calibration** | False |
| **Electrical insulation class** | Class III |
| **Tightening torque** | 44 lb.in<br>5 N.m |
| **Position indicator** | Visual indicator with position ring |
| **Lead length** | 1 m |
| **Actuator rotation** | 95 ° |
| **Rotational range adjustment** | 95° maximum (limited by an adjustable end stop) |
| **Stroke running time** | 150 s |
| **IP degree of protection** | IP54 |
| **Ambient air temperature for operation** | -30…50 °C |
| **Relative humidity** | 0…95 % RH, non-condensing |
| **Ambient air temperature for storage** | -40…80 °C |
| **Targeted region** | Europe<br>Asia Pacific.<br>Australia. |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 19.2 cm |
| **Package 1 Width** | 11.6 cm |
| **Package 1 Length** | 7.2 cm |
| **Package 1 Weight** | 580 g |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **21 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **8 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.2 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.2 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **12 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **1 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **47** |
| End of life manual availability | End of Life Information |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |