Product datasheet

Specifications



MD10-SR Damper Actuator, Modulating, 2-10Vdc input signal, Spring Return, 24Vac/dc, 1m Leads, 10Nm, IP54

MD10SR-24M

Main

Product or component type	Actuator
Actuator type	Electric
Actuator product series	MD10SR
Product destination	dampers
Actuator	Rotary
Control type	Automatic reset
rated supply voltage	24 V AC/DC
Analogue input range	2...10 V DC
Feedback signal	2...10 V DC
Transformer rated power in VA	5.5 VA
Power consumption in W	3.5 W
Power consumption in VA	5.5 VA AC
Hold-in power consumption in W	2.5 W
Power loss return	Spring return
Control signal	Proportional/modulating
Electrical insulation class	Class III
Tightening torque	10 lb.in 1.1 N.m
Position indicator	Stroke indicator on bracket
Lead length	1 m
Spring return timing	75 s
Actuator rotation	95 °
Rotational range adjustment	95° maximum (limited by an adjustable end stop)
IP degree of protection	IP43
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 Asia Pacific. Australia.

Packing Units

Unit Type of Package 1	PCE

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

Number of Units in Package 1	1
Package 1 Height	29 cm
Package 1 Width	12.8 cm
Package 1 Length	11 cm
Package 1 Weight	2.08 kg

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	**158 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**20 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**12 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**122 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**4 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 Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**71**
End of life manual availability	End of Life Information
Removable battery	**No**
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**