Product data sheet

Specifications



EcoStruxure Building Expert ZigBee 3.0 HA Wireless Motion/Humidity/ Temperature Sensor, SE8000 Series Compatible, Reporting Motion In Detection Range

SED-MTH-G-5045

Product availability: Stock - Normally stocked in distribution facility

Main

Product or Component Type	Sensor
Battery Life	5 year(s)
Color	White
Communication Port Protocol	Zigbee 3.0 HA
Depth	1.05 in (26.6 mm)
Net Weight	2.08 oz (59 g)
Diameter	2.8 in (70 mm)
Humidity Measurement Range	10...95 % RH
Local Signalling	1 LED battery needs replacing 1 LED programming indication
Mounting Support	Wall Ceiling
Fixing Mode	By screws and dowels Adhesive tape
Ambient Air Temperature for Operation	14…122 °F (-10…50 °C)
Product Certifications	CE FCC RCM EAC UL IC
Measurement Temperature	14…122 °F (-10…50 °C)
Product name	SE8000 Series
Device short name	SED-MTH
Product brand	Schneider Electric
Range	EcoStruxure Building Expert

Complementary

Market Segment	Hotel Lodging Office
Provided Equipment	Battery Screws User Manual Adhesive tape

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Movement detection area	5 m of radius (wall) 90...110° 3.9 ft (1.2 m) 2 m of radius (ceiling) 360° 8.2 ft (2.5 m)
Range compatibility	EcoStruxure Building Expert SE8000 Series SE8300 room controller EcoStruxure Building Expert communication card

Environment

IP Degree of Protection	IP20

Ordering and shipping details

Category	US1BMS180230
Discount Schedule	BMS1
GTIN	7332552015823
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.047 in (5.200 cm)
Package 1 Width	2.953 in (7.500 cm)
Package 1 Length	2.953 in (7.500 cm)
Package weight(Lbs)	3.845 oz (109.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	10.670 lb(US) (4.840 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	960
Package 3 Height	41.339 in (105.000 cm)
Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	23.622 in (60.000 cm)
Package 3 Weight	300.182 lb(US) (136.160 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	**4 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**4 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0.2 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant By Exemption**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

Recyclability potential, in %	**1**
Circularity Profile	**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.**