Product data sheet

Specifications

EcoStruxure Building Expert MPM-UN, Multi-Purpose Manager: EnOcean 868MHz, Modbus, 6 IO

MPM-UN-D04-5045

ⓘ **Discontinued on:** Sep 30, 2022

ⓘ **End-of-service on:** Sep 30, 2023

ⓘ **Discontinued**

Main

Device Short Name	MPM-UN
Function Available	Programmable
Product Or Component Type	Universal network controller
Device Application	Metering Lighting HVAC
Enocean Frequency	868 MHz
Control Feature	Multi-Purpose Manager (6 IO)
Connector Type	RP-SMA
Mounting Mode	Clip-on
Width	4.96 in (125.98 mm)
Power Consumption In W	1.6 W
Modbus	Yes
Zigbee Pro	No
Ambient Air Temperature For Storage	-4…140 °F (-20…60 °C)
Ambient Air Temperature For Operation	32…140 °F (-0…60 °C)
Number Of Outputs	4 analog 2 relay
Operating Distance	<= 100 ft open environment
Input/Output Type	analog output relay output
Relative Humidity	0…90 % non-condensing
Memory Type	64 MB flash 4 GB internal
[Us] Rated Supply Voltage	24 V AC +/- 15 % 24 V DC +/- 10 %
Number Of Inputs	6 universal
Height	5.2 in (132.08 mm)
Depth	1.34 in (34.04 mm)
Range	EcoStruxure Building Expert

Complementary

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

System Requirements	Firefox Internet browser Google Chrome
Product Compatibility	Tablet PC Smartphone
Web Services	Web server
Discrete Input Type	Dry contact
Communication Gateway	Ethernet/ZigBee
Mounting Support	DIN rail Ceiling Wall
External Resistance	249 Ohm analog input current
Radio Power	5 dBm - 95 dBm - EnOcean
Analogue Input Type	Configurable current 4...20 mA Configurable voltage 0...10 V Configurable PTC probe 1...100 kOhm
Battery Type	Lithium 10000 h
Flame Retardance	UL94V0-5VB
Communication Port Protocol	BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125...500 kbit/s Modbus EnOcean
Realtime Clock	With
Supply	External supply
Processor Name	ARM9 32-bit 400 MHz
Standards	UL 916 ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B
Material	ABS (acrylonitrile butadiene-styrene): enclosure
Range Compatibility	EcoStruxure Building Expert zone controller
Power Consumption In Va	5 VA
Electrical Connection	screw connector

Ordering and shipping details

Gtin	3606480669439

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.50 in (3.8 cm)
Package 1 Width	5.51 in (14.0 cm)
Package 1 Length	5.63 in (14.3 cm)
Package 1 Weight	8.01 oz (227.0 g)

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive

Compliant

EU RoHS Declaration

China Rohs Regulation

China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information.

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov