Product data sheet

Specifications



() Discontinued

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

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	-4140 °F (-2060 °C)
Ambient Air Temperature For Operation	32140 °F (-060 °C)
Number Of Outputs	4 analog 2 relay
Operating Distance	<= 100 ft open environment
Input/Output Type	analog output relay output
Relative Humidity	090 % non-condensing
Метогу Туре	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.

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 Statematic Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Ethernet RA45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Schematic RA45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Sommunication Port Protocol BACnet Ethernet RA45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Ethernet RA45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Supply External supply External supply Processor Name ARM 93 2-bit 400 MHz Standards Lite Standards Ideating EcoStrucure Building Expert zone controller Action 15 Subpart B Range Compatibility EcoStrucure Building Expert zone controller		
Internet browser Google Chrome Product Compatibility Tablet PC Smartphone Web Services Web server Discrete Input Type Dry contact Communication Gateway Ethernet/ZigBee dounting Support Din rail Ceiling Wall Statemal Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable PTC probe 1100 kOhm Statery Type Lithium 10000 h Tablet PC Configurable PTC probe 1100 kOhm Sattery Type Lithium 10000 h Tablet PTC probe 1100 kOhm Sattery Type Lithium 10000 h Tame Retardance UL 94V0-5VB Configurable VI 100 Mbit/s CANNUS 125500 kbit/s Modbus EnOcean Configurable PTC probe 1100 kOhm Supply External supply Configurable PTC probe 1100 kOhm Supply External 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 Atterial ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility Ecostruxure Building Expert zon	System Requirements	Firefox
Google Chrome Product Compatibility Tablet PC Smartphone Web Services Web server Discrete Input Type Dry contact Communication Gateway Ethernet/ZigBee Adunting Support DIN rail Ceiling Wall Ceiling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable Current 420 mA Configurable VID VO Configurable PTC probe 1100 KOhm Battery Type Lithium 10000 h Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Standards Battery Type Lithium 10000 h Battery Type RACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Schnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Stapply External supply Sche T Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES-003 CSA C22.2 No 205-M 1983 FCC part 15 Subpart B Atertal ABS	-	
Product Compatibility Tablet PC Smartphone Web Services Web server Discrete Input Type Dry contact Communication Gateway Ethernet/ZigBee Atounting Support DIN rail Ceiling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable PTC probe 1100 KOhm Stattery Type Lithium 10000 h Configurable PTC probe 1100 KOhm Stattery Type Communication Port Protocol BACnet Ethermet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Reatime 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 Aterial ABS (acry/onitrile butadiene-styrene): enclosure Range Compatibility ExoStruxure Building Expert zone controller Prover Consumption In Va 5 VA		
Smartphone Web Services Web server Discrete Input Type Dry contact Communication Gateway Ethernet/ZigBee Aounting Support DiN rail Calling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC probe 1100 KOhm Battery Type Lithium 10000 h Ethernet R445 10/100 Mbit/s CANbus 125500 kbit/s Modbus Ethernet R45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES -003 CSA C22 2 No 205-M1983 FCC part 15 Subpart B Aterial ABS (acry/onitrile butadiene-styrene): enclosure Aterial ABS (acry/onitrile butadiene-styrene): enclosure		
Web Services Web server Discrete Input Type Dry contact Communication Gateway Ethernet/ZigBee Atounting Support DIN rail Ceiling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable voltage 010 V Configurable voltage 010 V Stattery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Realtime Clock With Supply External supply Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES-003 CSA C22 IN 205-M1983 FCC part 15 Subpart B Aterial ABS (acry/onitrile building Expert zone controller Age Compatibility EcoStruxure Building Expert zone controller	Product Compatibility	Tablet PC
Discrete Input Type Dry contact Dommunication 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 420 mA Configurable current 420 mA Configurable PTC probe 1100 KOhm Battery Type Lithium 10000 h Lithium 10000 h Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnCocean Sommunication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Statery Type Lithium 10000 h Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus FinCocean With Standards UL 9140 UL 94 V0-5VB Configurable PTC protocol Bachet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Encocean SCANbus 125500 kbit/s Modbus 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 S VA		Smartphone
Discrete Input Type Dry contact Dommunication 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 420 mA Configurable current 420 mA Configurable PTC probe 1100 KOhm Battery Type Lithium 10000 h Lithium 10000 h Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnCocean Sommunication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Statery Type Lithium 10000 h Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus FinCocean With Standards UL 9140 UL 94 V0-5VB Configurable PTC protocol Bachet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus Encocean SCANbus 125500 kbit/s Modbus 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 S VA		
Communication Gateway Ethernet/ZigBee Adounting Support DIN rail Ceiling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-SVB Communication Port Protocol BACnet Ethernet RL45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Reatifime 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	Web Services	Web server
Advanting Support DIN rail Ceiling Wall Ceiling Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC prote 1100 kOhm Battery Type Lithium 10000 h Eitame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethermet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Reattime 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 Adetrial ABS (acrylonitrile building Expert zone controller Yower Consumption In Va 5 VA	Discrete Input Type	Dry contact
Ceiling Wall External Resistance 249 Ohm analog input current tadio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Realtime Clock With Supply External supply Processor Name ARM9 32-bit 400 MHz Readersian UL 916 (CES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B Adaterial ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Yower Consumption In Va 5 VA	Communication Gateway	Ethernet/ZigBee
Wall External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Reatifue Clock With Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES-003 CSA C22. 2N 0205-M1983 FCC part 15 Subpart B Aterial ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA	Mounting Support	DIN rail
External Resistance 249 Ohm analog input current Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Realtime Clock With Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B Aterial ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA		Ceiling
Radio Power 5 dBm - 95 dBm - EnOcean Analogue Input Type Configurable current 420 mA Configurable voltage 010 V Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet R145 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Realtime Clock With 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		Wall
Analogue Input Type Configurable current 420 mA Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 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 EcoStrucure Building Expert zone controller Power Consumption In Va 5 VA	External Resistance	249 Ohm analog input current
Configurable voltage 010 V Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Elame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 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	Radio Power	5 dBm - 95 dBm - EnOcean
Configurable PTC probe 1100 kOhm Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 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	Analogue Input Type	Configurable current 420 mA
Battery Type Lithium 10000 h Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 kbit/s Modbus EnOcean Realtime Clock With Processor Name ARM9 32-bit 400 MHz Standards UL 916 ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B FCC part 15 Subpart B Material ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA		•
Flame Retardance UL94V0-5VB Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 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		Configurable PTC probe 1100 kOhm
Communication Port Protocol BACnet Ethernet RJ45 10/100 Mbit/s CANbus 125500 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	Battery Type	Lithium 10000 h
Ethernet RJ45 10/100 Mbit/s CANbus 125500 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	Flame Retardance	UL94V0-5VB
CANbus 125500 kbit/s Modbus EnOceanRealtime ClockWithSupplyExternal supplyProcessor NameARM9 32-bit 400 MHzStandardsUL 916 ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart BMaterialABS (acrylonitrile butadiene-styrene): enclosureRange CompatibilityEcoStruxure Building Expert zone controllerPower Consumption In Va5 VA	Communication Port Protocol	BACnet
Modbus EnOceanRealtime ClockWithSupplyExternal supplyProcessor NameARM9 32-bit 400 MHzBandardsUL 916 ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart BMaterialABS (acrylonitrile butadiene-styrene): enclosureRange CompatibilityEcoStruxure Building Expert zone controllerPower Consumption In Va5 VA		Ethernet RJ45 10/100 Mbit/s
EnOcean Realtime Clock With Supply External supply Processor Name ARM9 32-bit 400 MHz Bandards 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		CANbus 125500 kbit/s
EnOcean Realtime Clock With Supply External supply Processor Name ARM9 32-bit 400 MHz Bandards 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		
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		
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	Realtime Clock	With
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	Supply	External supply
ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA	Processor Name	ARM9 32-bit 400 MHz
ICES-003 CSA C22.2 No 205-M1983 FCC part 15 Subpart B ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA	Standards	UL 916
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		
FCC part 15 Subpart B Material ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA		
Material ABS (acrylonitrile butadiene-styrene): enclosure Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA		
Range Compatibility EcoStruxure Building Expert zone controller Power Consumption In Va 5 VA		·
Power Consumption In Va 5 VA	Material	ABS (acrylonitrile butadiene-styrene): enclosure
	Range Compatibility	EcoStruxure Building Expert zone controller
Electrical Connection screw connector	Power Consumption In Va	5 VA
	Electrical Connection	screw connector

Ordering and shipping details

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 PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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 Exempti	on Information	Yes
Eu Rohs Directive		Compliant
		EU RoHS Declaration
China Rohs Regula	ation	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 Proposi	ion 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov