



Main

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|---------------------------|------------------------------|
| Range | EcoStruxure Building Expert |
| Product or component type | Universal network controller |
| Device short name | MPM-UN |
| Device application | HVAC Lighting Metering |
| Supply | External supply : CSA |
| Processor name | ARM9 32-bit ,400 MHz |
| Battery type | 3 V lithium |

Complementary

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|-----------------------------|---|
| Range compatibility | EcoStruxure Building Expert zone controller |
| Communication port protocol | BACnet , Ethernet , RJ45 , 10/100 Mbit/s CANbus , 125...500 kbit/s Modbus , EnOcean , at 868 MHz |
| Antenna gain | 0 dBi at 0...868 MHz |
| Connector type | RP-SMA |
| Radio power | 5 dBm at - 95 dBm receiver sensitivity - EnOcean |
| Operating distance | <= 100 ft open environment |
| [Us] rated supply voltage | 24 V AC : 50/60 Hz : +/- 15 % 24 V DC : +/- 10 % |
| Number of inputs | 6 universal inputs |
| Analogue input type | Configurable current : 4...20 mA : 14 bits resolution Configurable voltage : 0...10 V : 14 bits resolution Configurable PTC probe : 1...100 kOhm impedance : 14 bits resolution |
| Discrete input type | Dry contact |
| External resistance | 249 Ohm for analog input current |
| Number of outputs | 4 analog outputs 2 relay outputs |
| Input/Output type | Analog output ,0...12 V , <= 50 mA ,12 bits resolution Relay output ,24 V ,1.1 A |
| System requirements | Google Chrome Firefox |

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

| | Internet browser |
|-------------------------|-------------------------------|
| Product compatibility | Smartphone Tablet PC |
| Power consumption in W | 1.6 W |
| Power consumption in VA | 5 VA |
| Communication gateway | Ethernet/ZigBee |
| Memory capacity | 64 MB flash 4 GB internal |
| Realtime clock | With battery backed (10000 h) |
| Connections - terminals | Screw connection |
| Mounting mode | Clip-on |
| Mounting support | DIN rail Ceiling Wall |
| Height | 5.2 in |
| Width | 4.96 in |
| Depth | 1.34 in |
| Enclosure material | ABS |
| Web server | Embedded web page |

Environment

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|---------------------------------------|---|
| Ambient air temperature for operation | 32...140 °F |
| Ambient air temperature for storage | -4...140 °F |
| Relative humidity | 0...90 % non-condensing |
| Standards | UL 916 CSA C22.2 No 205-M1983 ICES-003 FCC part 15 subpart B |
| Flame retardance | UL94V0-5VB |

Offer Sustainability

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|------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 1401 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |