

Product data sheet

Characteristics

MPM-GW-DI0-5045

EBE - MPM Wireless gateway Manager - 868 Mhz EnOcean - Zigbee high power



Main

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

Complementary

Range compatibility	EcoStruxure Building Expert zone controller
Communication port protocol	BACnet , Ethernet , RJ45 , 10/100 Mbit/s CANbus , 125...500 kbit/s EnOcean , at 868 MHz Zigbee Pro , 250 kbps at 2400...2483.5 MHz
Number of devices	16RF channels - ZigBee
Antenna gain	2.5 dBi at 2400...2483.5 MHz 0 dBi at 0...868 MHz
Connector type	RP-SMA
Radio power	8 dBm at - 101 dBm receiver sensitivity - Zigbee 18 dBm at - 105 dBm receiver sensitivity - Zigbee 5 dBm at - 95 dBm receiver sensitivity - EnOcean
Operating distance	<= 100 ft open environment <= 300 ft open environment
[Us] rated supply voltage	24 V AC : 50/60 Hz : +/- 15 % 24 V DC : +/- 10 %
Electrical insulation class	Class II
System requirements	Internet browser Firefox Google Chrome
Power consumption in W	1.6 W
Power consumption in VA	5 VA
Communication gateway	Ethernet/ZigBee

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

Memory capacity	64 MB flash 4 GB internal
Realtime clock	With battery backed (10000 h)
Mounting mode	Clip-on
Mounting support	Ceiling DIN rail Wall
Height	7.52 in
Width	4.57 in
Depth	1.77 in
Enclosure material	ABS
Web server	Embedded web page

Environment

Ambient air temperature for operation	32...140 °F
Ambient air temperature for storage	-4...140 °F
Relative humidity	0...90 % non-condensing
Standards	CSA C22.2 ICES-003 UL 916
Flame retardance	UL94V0-5VB

Offer Sustainability

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