Product datasheet

Specifications

Wiser Energy - IP module

EER31800

Main

Range Of Product	Wiser
Product Or Component Type	IP communication module
Product Name	MIP
Colour	White (RAL 9003)

Complementary

[Us] Rated Supply Voltage	110/230 V AC (+/- 15 %), <2 A
Network Frequency	50/60 Hz
Power Consumption In Va	5 VA
Mounting Mode	Clip-on
Mounting Support	DIN rail
Transmission Rate	9600 bit/s 0…24 V 2-wire non polarised cable <50 m Wiser EM5 energy meter
Commissioning Protocol	Bluetooth
Communication Port Protocol	Zigbee
Communication Interface	Ethernet 10/100BASE-T <100 m Cat.6 STP
Integrated Connection Type	Ethernet port for DHCP client
Local Signalling	Green, orange and red LED for product status Green and orange LED for Ethernet status (LAN ST)
Overvoltage Category	III
Electrical Connection	Screw terminal block for main supply Screw terminal block for communication
Material	PC (polycarbonate)
Height	84 mm
Width	54 mm
Depth	67 mm
Net Weight	133 g

Environment

Ip Degree Of Protection	IP20 casing: conforming to IEC 60529 IP40 front face: conforming to IEC 60529
Pollution Degree	2
Ik Degree Of Protection	IK05 conforming to IEC 62262
Relative Humidity	93 % at 40 °C

Operating Altitude	0...2000 m
Ambient Air Temperature For Operation	-25…50 °C
Standards	IEC 61000-6-1:2005 IEC 61000-6-3:2005
Electromagnetic Compatibility	Electromagnetic immunity: , conforming to IEC 61000-6-1 Electromagnetic emission: , conforming to IEC 61000-6-3
Fire Resistance	650 °C during 30 s

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.4 cm
Package 1 Width	10 cm
Package 1 Length	12.4 cm
Package 1 Weight	192 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	36
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.534 kg

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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 ›

Transparency   RoHS/REACh

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information