



Galvenā

Diapazons	PowerLogic
Produkta nosaukums	PowerLogic PM8000
Ierīces īsais nosaukums	PM8240
Produkta vai sastāvdaļas veids	Power meter

Papildinošs

Power quality analysis	EN 50160 2010. gads compliance report IEEE 519 2014 compliance report IEC 61000-4-30 class S power quality measurement Up to the 63rd harmonic Harmonic distortion Waveform capture Voltage sag and swell detection Programmability (logic and math functions) IEC 62586 power quality monitoring Disturbance direction detection Rapid voltage change
Ierīces pielietojums	Power monitoring WAGES metering
Type of measurement	Current Voltage Frequency Active and reactive power total Apparent power total Power factor total Active and reactive power per phase, rms Apparent power per phase, rms Power factor per phase, rms
Supply voltage	90...415 V AC 45...65 Hz +/- 10 % 110...415 V DC +/- 10 %
Tīkla frekvence	50 Hz 60 Hz
[In] nominālā strāva	1 A 5 A 10 A
Polu skaits	3P+N 3P 1P+N
Power consumption in VA	18 VA 415 V AC
Ekrāna tips	Colour TFT LCD
Ekrāna izšķirtspēja	320 x 240 pixels QVGA
Sampling rate	256 samples/cycle
Measurement current	50...10000 mA
Analogue input type	Voltage (impedance 5 MOhm) Current (impedance 0.3 mOhm)
Measurement voltage	57...400 V AC 42...69 Hz between phase and neutral 100...690 V AC 42...69 Hz between phases

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Frequency measurement range	42...69 Hz
Number of inputs	3 digital 30 V AC 3 digital 60 V DC
Measurement accuracy	Current +/- 0.1 % Voltage +/- 0.1 % Active energy +/- 0.2 %
Accuracy class	Class 0.2S active energy IEC 62053-22 Class 0.2 active energy ANSI C12.20 Class 0.2 active power IEC 61557-12 Class 0.5S reactive energy IEC 62053-24 Class 0.5 power factor IEC 61557-12 Class 0.2 voltage IEC 61557-12 Class 0.2 current IEC 61557-12
Izeju skaits	1 pulse
Information displayed	Voltage Current Frequency Power Energy consumption Harmonic distortion
Communication port protocol	Modbus RTU 115 kbauds - 2-wire ION 115 kbauds - 2-wire DNP3 IEC 61850 Modbus TCP/IP Ethernet Modbus TCP/IP daisy chain 10/100 Mbit/s RSTP 801.1d 2004
Communication port support	ETHERNET Screw terminal block RS485
Komunikācijas tīkla tips	IPv6 (internet protocol)
Data recording	Min/Max of instantaneous values Waveform logs Sequence of event recording Time stamping Alarm logs Trending/Forecasting Sag and swell logs Harmonics logs GPS synchronisation Data logs Event logs 50 data recorders
Atmiņas ietilpība	512 MB
Web services	Customizable home page File upload/download via FTP File upload/download via SFTP Web server Alarm notification by e-mail Viewing of captured waveform (FTP) Viewing of captured waveform (web) HTTPS server
Komunikācijas pakalpojums	SMTP e-mail notification RSTP support NTP time synchronization DHCP PTP time synchronization
Cybersecurity	Enable/Disable communication ports Password protection Syslog protocol support Robust security logs Port hardening
Montāžas veids	Flush-mounted
Mounting support	Framework
Installation category	III
Safety Construction	III400...690 V conforming to IEC 61010-1:ed. 3 III400...690 V conforming to EN 61010-1:ed. 3 III347...600 V conforming to UL 61010-1:ed. 3 III347...600 V conforming to CSA C22.2 No 61010-1:ed. 3

Standarti	IEC 61557-12 IEC 62052-11 IEC 62053-24 IEC 62053-22 IEEE 1588 IEC 62586-2 IEC 61326-1
Produkta sertifikācija	CE[RETURN]CULus[RETURN]N998
Platums	96 mm
Dziļums	77,5 mm
Augstums	96 mm
Neto svars	581 g

Vide

Electromagnetic compatibility	Electrostatic discharge conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test conforming to IEC 61000-4-3 Electrical fast transient/burst immunity test conforming to IEC 61000-4-4 Surge immunity test conforming to IEC 61000-4-5 Conducted RF disturbances conforming to IEC 61000-4-6 Magnetic field at power frequency conforming to IEC 61000-4-8 Voltage dips and interruptions immunity test conforming to IEC 61000-4-11 Immunity to impulse waves conforming to IEC 61000-4-12 Conducted and radiated emissions conforming to EN 55022 Conducted and radiated emissions conforming to EN 55011 Conducted and radiated emissions conforming to FCC part 15 Conducted and radiated emissions conforming to ICES-003 Conducted RF disturbances (2...150 Hz) conforming to CLC/TR 50579 Surge withstand conforming to IEEE C37.90.1
IP degree of protection	IP54 priekšā: conforming to IEC 60529 IP30 korpus: conforming to IEC 60529
Relative humidity	5...95 %
Apkārējā gaisa temperatūra darbībai	-25...70 °C
Apkārējā gaisa temperatūra uzglabāšanai	-40...85 °C
Darbības augstums	3000 m

Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	14 cm
1. iepakojuma platums	14 cm
1. iepakojuma garums	18,5 cm
1. iepakojuma svars	0,954 kg

Piedāvājiēt ilgspēju

Ilgspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	REACH Deklarācija
ES RoHS direktīva	Atbilst izņēmumiem
Ķīnas RoHS regula	Ķīnas RoHS Deklarācija
Informācija par RoHS izņēmumiem	Jā
Vides informācijas publicēšana	Produkta Ietekme Uz Vidi
Cirkularitātes profils	Informācija Par Ekspluatācijas Izbeigšanu
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.