



SCHNEIDER CENTRALA DE MASURA EASYLOGIC PM2120, MASURA PUTERE SI ENERGIE, ARMONICI PANA LA GRADUL 15, DISPLAY LED, RS485, CLASA 1

Gama: EasyLogic

nume produs: EasyLogic PM2100

Tip produs sau componenta: Power meter

nume scurt al dispozitivului: PM2120

aplicatie a dispozitivului: Sub billing

Power monitoring

analiza calitatii puterii: total harmonic distortion

up to the 15th harmonic

tip de masurare: Apparent power min/max, total

Active and reactive power min/max, total

Curent min/max, avg

Tensiune min/max, avg

Frecventa min/max, avg

Distorsiune armonica de curent totala THD (I) per phase

Distorsiune armonica de tensiune totala THD (U) per phase

Factor de putere min/max, avg

Apparent energy total

Active and reactive energy total

tip de contorizare: Current I, I1, I2, I3

Peak demand power PM, QM, SM

Active, reactive, apparent energy (signed, four quadrant)

Peak demand currents

Putere activa P, P1, P2, P3

Calculated neutral current

Voltage U, U21, U32, U13, V, V1, V2, V3

Curent asimetric

Putere reactiva Q, Q1, Q2, Q3
Cerere de putere P, Q, S
Putere aparenta S, S1, S2, S3
clasa de precizie: Clasa 1 energie activa conformitate cu IEC 62053-21
Clasa 1 energie reactiv? conformitate cu IEC 62053-24
Clasa 5P harmonic distortion (I THD & U THD)
precizie de masurare: Apparent power +/- 1 %
Energie activa +/- 1 %
Energie reactiv? +/- 1 %
Putere activa +/- 1 %
Tensiune +/- 0.5 %
Factor de putere +/- 0.01
Curent +/- 0.5 %
Frecventa +/- 0.05 %
curentul de masura: 5...6000 mA
masurare tensiune: 35...480 V c.a. 50/60 Hz between phases
20...277 V c.a. 50/60 Hz intre faza si neutru
480...999000 V c.a. 50/60 Hz cu trafo de tensiune extern
gama de masurare a frecventei: 45...65 Hz
[Us] tensiune nominala de alimentare: 44...277 V c.a. 45...65 Hz +/- 10 %
44...277 V c.c. +/- 10 %
frecventa retea electrica: 50 Hz
60 Hz
semnalizare locala: 100 ms 120 V c.a. tipic
400 ms 230 V c.a. tipic
50 ms 125 V c.c. tipic
[In] curent nominal: 1 A
5 A
consum de putere maxim in VA: 6 VA la 277 V c.a.
consum de putere maxim in W: 3,3 W (alimentare (c.a.))
2 W la 277 V (alimentare (c.c.))
input impedance: Curent (impedance <= 0.3 mOhm)
Tensiune (impedance > 5 MOhm)
securizare a setarilor: Protected by access code
tip afisaj: LED cu 7 segmente
culoare afisaj: Rosu
capacitate de afisare a mesajelor: 3 fields of 4 characters
digi afisor: 12 cifre - 14,2 mm
Demand intervals: Configurable from 1 to 60 min
informatii afisate: Demand current (past value)
Demand current (present value)
Demand power (past value)
Demand power (present value)
Voltage
Current
Frequency
Energy consumption
Harmonic distortion
Power factor
Active power
Apparent power
Reactive power
Unbalanced in %
tip de control: 3 x buton

semnalizare locala: Rosu LED output signal 1...9999000 pulse/ k_h (kWh, kVAh, kVARh)
Verde LED module operation and integrated communication
numar de intrari: 0
numar de iesiri: 0
protocol port de comunicare: Modbus RTU la 4800 bps, 9600 bps, 19200 bps, 38.4 Kbps par/impar sau lipsa
- 2 fire, izolatie 2500 V
suport pentru port de comunicatie: Born? cu ?urub RS485
inregistrare date: Marcaj temporal
Min/max for 8 parameters
functie disponibila: Real time clock
rata de esantionare: 64 samples/cycle
cybersecurity: Enable/disable communication ports
serviciu de comunicare: Remote monitoring
certificari produs: UE conforming to IEC 61010-1
CULus conforming to UNE 20315
CULus conforming to CSA C22.2 No 61010-1
RCM
EAC
C-Tick
mod de montare: Clipsabil
pozitie de montare: Vertical
suport de montare: Cadru
echipament furnizat: 1 x Ghid de instalare
catogorie de masura: Category III 480 V
Category II 480...600 V
clasa de izolatie electrica: Izolatie dubla
Clasa II
Intarziere flacara: V-0 conformitate cu UL 94
conexiuni - borne: Transformator de curent conexiune cu surub (partea inferioara) 6
Voltage inputs conexiune cu surub (sus) 4
material: Policarbonat
latime: 96 mm
adancime: Total : 76,09 mm
Incorporat : 61,64 mm
inaltime: 96 mm
greutate neta: 300 g
Cod compatibilitate: PM2120
Durata de viata: 7 yr
grad de protectie IP: IP54 fata: conforming to SR EN 60529
IP30 corpul dispozitivului: conforming to SR EN 60529
umiditate relativa: 5...95 % la 50 °C
grad de poluare: 2
temperatura ambientala de utilizare: -10...60 °C
temperatura ambietala pentru depozitare: -25...70 °C
altitudine de functionare: <= 2000 m
compatibilitate electromagnetica: Desc?rcare electrostatic? conforming to IEC 61000-4-2
Test de imunitate la frecventa radio radiata conforming to IEC 61000-4-3
Tranzien?i rapizi/test de imunitate la impulsuri de ionizare conforming to IEC 61000-4-4
Test de imunitate la supratensiuni conforming to IEC 61000-4-5
Perturba?ii conduse de RF conforming to IEC 61000-4-6
Campul magnetic la frecven?a de alimentare conforming to IEC 61000-4-8
Test de imunitate la c?deri de tensiune ?i intreruperi conforming to IEC 61000-4-11
Test de emisii conforming to FCC Partea 15 clasa A
categorie de supratensiune: III

Pret: 1.139,98 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/centrala-de-masura-easylogic-pm2120-masura-putere-si-energie-armonici-pana-la-gradul-15-display-led-rs485-clasa-1>