

REF.SM.01 5(100) AMPER SINGLE PHASE PREPAYMENT ENERGY METER

TECHNICAL SPECIFICATIONS

- 1) Model Name : REF.SM.01
- 2) Meter Definition : 1 Phase , 2 Wires , 4 Tariffs , Demantmetered , Outdoor , Prepayment Meter
- 3) Accuracy Class : Mode B (Class 1)
- 4) Referance Voltage : 230/400V (Compitable 240 / 400V)
- 5) Wide InputVoltage: 120V(Minimum) – 300V(Maksimum) (Phase To Notr)
- 6) Frequency : 50Hz
- 7) Take Off Current : 20mA (5A / 200 in standart)
- 8) Minimum Current : 250mA
- 9) Referance Current : 5A
- 10)Maksimum Akım : 100A
- 11)IP Class : IP54
- 12)Protection Class : 2
- 13)Humidity Rate : %95
- 14)Operating Temp. : -40 , +80 °C
- 15)Mechanical Env. : M1 (According to 2004 / 22 / EC directive)
- 16)Elektromagnetic : E2 (According to 2004 / 22 / EC directive)
- 17)Voltage Circuit : <1W (Should be <2W in standart)
- 18)Current Circuit : <0.2W (Should be <1W in standart)
- 19)Total Power : <1.2W (Total power consumption per phase)
- 20)ESD : 8KV with contacts , 15KV by air
- 21)Impulse Voltage : 12kV
- 22)Meter Constant : 1000imp/kWh
- 23)LCD : 6 + 3
- 24)Comm. Rate : 300 – 9600 (IEC 62056-21 Mode C)
- 25)Interface1 : Optical Port (300 – 9600) (IEC 62056-21 Mode C)(Independent)
- 26)Interface2 : Rs485 Port (300 – 9600) (IEC 62056-21 Mode C)(Independent)
- 27)Generator Tariffi : Generator tariff detection with generator auxiliary contact input
- 28)Sys. Battery Life : 10Year
- 29)Shutoff Structure : Internal Latch Relay
- 30)Security Logs : Up Cover , Terminal Cover ext.
- 31)Data Logs : 1 Year
- 32)Related Standarts : EN 62056-11 , EN 62053-21
- 33)Related Docs : MID compatibility
- 34)Regulations : Compatible with Tedaş requirement
- 35)Technology : Contactless communication is provided through the Mifare / RFID technology
- 36)RFfield Detection: Automatic or push button activation (Optional)
- 37)Alarm Circuit : Cancelable acoustic alarm circuit
- 38)Contour back-up : Available (Optional)
- 39)Compatibility : Since it is possible to write to the desired sectors, more than one application can be run at the same time with the same card.
- 40)Credit : Cutting the counter at the desired time periods with the possibility of credit is provided.
- 41)Easy to use : Easy installation and easy to use feature by means of an Accounting Program. (Optional)

