

ELECTRONICS PRODUCTS > ENERGY MANAGEMENT PRODUCTS > ENERGY METERS

B80-1M-V2

Stock Keeping Unit (SKU): 606366

1Ø MID Energy Meter

Commercial Information

Product Sales Code	**606366**
Package Unit	**1 pcs.**
Customs Tariff Number	**903032009011**
Weight Per Unit Including Packaging	**0.12 kg.**

Technical Information

GENERAL	
Connection Type	**1P2W**
Real-Time Clock	**+**
Current Connection Type	**Direkt Baglantili (45A ya kadar)**
Alarm	

ENERGY MEASUREMENT	
Number of Tariffs	**2**
Number of Sub-Tariffs	
Number of Reactive Measurement Quadrants	**2**
Energy Measurement Type	**Import & Export kWh-kVArh**
Partial Counter	**+**
Balance Energy	**+**

CURRENT MEASUREMENT INPUT	
Measurement Range	**0,25 .. 80A**

VOLTAGE MEASUREMENT INPUT	
L-N Measurement Range	**100-300V AC**
L-L Measurement Range	**-**

POWER QUALITY MEASUREMENTS	
Harmonic Measurement (Current and Voltage)	**-**
THDi	**+**
THDv	**+**

POWER SUPPLY	
Voltage	**100-300V AC**
Frequency	**45-65Hz**
Consumption	**<3VA AC**

MECHANICAL SPECIFICATIONS	
Weight (g)	**120**
Protection Class	**IP20**
Mounting Method	**Rail Mount**

ENVIRONMENTAL CONDITIONS	
Operating Temperature	**-25°C +50°C**
Storage Temperature	**-25°C +70°C**
Relative Humidity (Non-condensing)	**Max. 80% (no condensation)**

COMMUNICATION	
Protocol	**Modbus RTU**
Baud Rate	**1200-115200**
Parity	**Odd, Even, None**
Stop Bit	**1**
Slave ID	**1-247**
Insulation	**2750V RMS**

DIGITAL OUTPUT	
Frequency	**5-30 VDC**
Number of Inputs	**2 (1 sabit, 1 ayarlanabilir)**
Switched Voltage Range	**Transistor**
Insulation	**3750 Vrms**

DIGITAL INPUT	
Number of Inputs	
Input Type	
Insulation	

OTHER MEASUREMENTS	
Operating Time Counter	
On-Time Counter	
Power Failure Counter	

BASIC ELECTRICAL MEASUREMENTS	
Current	+
Voltage	+
Frequency	+
Active Power	+
Reactive Power	+
Apparent Power	+

CABLE CROSS SECTIONS (POWER SUPPLY, VOLTAGE, RELAY)	
Stranded	
Solid	

CABLE CROSS-SECTIONS - CURRENT	
Stranded	
Solid	

CABLE CROSS SECTIONS (DIGITAL I/O, RS485, ANALOG OUTPUT)	
Stranded	

Solid	

MEASUREMENT CLASS	
EN 50470	**Class B**
IEC 62053-21	

MEASUREMENT	
Max./Min. Data	
Demand	+

LED PULSE OUTPUT	
kWh	+
kvarh	+

Certificates

CE

UKCA