ELECTRONICS PRODUCTS > ENERGY MANAGEMENT PRODUCTS > ENERGY METERS

580-1M-V4CT

Stock Keeping Unit (SKU): 606370

1Ø MID Energy Meter

Commercial Information

Product Sales Code	**606370**
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	**CT Baglantili**
Alarm	**+**

ENERGY MEASUREMENT	
Number of Tariffs	**2**
Number of Sub-Tariffs	**4**
Number of Reactive Measurement Quadrants	**2**
Energy Measurement Type	**Import & Export kWh-kVArh**
Partial Counter	
Balance Energy	

CURRENT MEASUREMENT INPUT	
Measurement Range	**0,05 .. 6A**

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

POWER QUALITY MEASUREMENTS	
Harmonic Measurement (Current and Voltage)	**31**
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	

Number of Inputs	
Switched Voltage Range	
Insulation	

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	
IEC 62053-21	**Class 0.5**

MEASUREMENT	
Max./Min. Data	+
Demand	+

LED PULSE OUTPUT	
kWh	
kvarh	

Certificates

CE

UKCA

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