

## INDUSTRIAL COMPONENT DATA

# EM111DINAV81XM1PFA CARLO GAVAZZI Function: MID Energy analyzer , Mounting: DIN Rail, Power supply: Self powe..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EM111DINAV81XM1PFA



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | CARLO GAVAZZI       |
| MPN / Reference | EM111DINAV81XM1PFA  |
| Catalog number  | 10000               |
| Category        | Kilowatt-hour meter |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-E3C19C6C6D       |
| Generated       | 2026-08-05          |

## Product Overview

Function: MID Energy analyzer , Mounting: DIN Rail, Power supply: Self power supply, Output digital input: None, Input type: 1-phase AC , Connection: Direct, Communication: M-bus, Range: 230 VLN AC 45A, Display: 7 DGT, Variables: kWh, kvarh, V, A, W, Wdmd, Wdmd max, var, PF, Hz, Digital inputs: none, Pulse: none, Alarms: none, Analogue: none  
Energy meter for measurement systems, single-phase, certificate MID, Mounting DIN rail  
Single-Phase MID Energy analyzer, 230 V L-N, 5 (45) A, M-Bus

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path CARLO GAVAZZI &gt; Controls &gt; Counters

## Additional Product Information

## Specifications

Voltage inputs1-phase (2-wire), 230 V L-NFrequency50HzCurrent inputsdirect connection up to 32 AEnergy meteringConsumptionCommunication port and protocolM-BusPower supplySelf power supplyApprovals, marks, declarationsCE (Europe); MID (Europe, fiscal metering); UKCA (UK)  
ETIM for EM111DINAV81XM1PFA Meters (EC001506)

Feature Name

Feature Value

Type of meter (EF005441)

Electronic

Nominal current (In) (EF008873)  
5 A  
Max. current (Imax) (EF000877)  
45 A  
Nominal voltage (Un) N-L (EF008871)  
230 V  
Frequency (EF000416)  
50 Hz  
Accuracy class (EF008842)  
B  
Pole type (EF008843)  
Single phase  
Model (EF000010)  
Direct measurement  
Energy type (EF007135)  
Effective power and reactive power  
Suitable for (EF000073)  
Purchase  
Tariff type (EF007550)  
Two-tariff  
Tariff control (EF008834)  
External  
Calibrated (EF008836)  
Yes  
Approval (EF008837)  
Measuring Instruments Directive  
Pulse output (EF008838)  
Optic  
Pulse rate (EF008840)  
1000 Imp/kWh (kvarh)  
Type of indication (EF000306)  
Digital  
Mounting method (EF000003)  
DRA (DIN-rail adapter)  
Width in number of modular spacings (EF002950)  
1  
Type of interface (EF006977)  
M-bus  
With lock code (EF008846)  
Yes  
Number of positions total (counter) (EF004442)  
7  
Degree of protection (IP) (EF005474)  
IP51

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EM111DINAV81XM1PFA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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