

## INDUSTRIAL COMPONENT DATA

# EM340DINAV23XS1PFA CARLO GAVAZZI Function: MID Energy analyzer , Mounting: DIN Rail, Power supply: Self powe..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EM340DINAV23XS1PFA



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | CARLO GAVAZZI       |
| MPN / Reference | EM340DINAV23XS1PFA  |
| Catalog number  | 10000               |
| Category        | Kilowatt-hour meter |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-F977AD6B09       |
| Generated       | 2026-08-04          |

## Product Overview

Function: MID Energy analyzer , Mounting: DIN Rail, Power supply: Self power supply, Output digital input: DC output (Open Collector) , Input type: 3-phase AC , Connection: Direct, Communication: RS485 , Range: 208VLL to 400VLL 5(65)A, Display: 3x8DGT, Variables: kWh, kvarh, V, A, W, Wdmd, Wdmd max, var, PF, Hz, Digital inputs: 1, Pulse: none, Alarms: none, Analogue: none

Three-phase energy meter compact with LCD touch screen, backlit, Certificate MID

Three-phase MID Energy analyzer, 120 to 230 V L-N, 208 to 400 V L-L, 5 (65) A, RS485 Modbus RTU

## 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 inputs2-phase (3-wire), 120/240 V; 3-phase (4-wire), 120/208 V; 3-phase (4-wire), 127/220 V; 3-phase (4-wire), 220/380 V; 3-phase (4-wire), 230/400 V; 3-phase (3-wire), 240 V L-L; 3-phase (3-wire), 380 V L-L; 3-phase (3-wire), 400 V L-LFrequency50HzEnergy meteringConsumptionCommunication port and protocolRS485 (Modbus RTU)Power supplySelf power supplyApprovals, marks, declarationsCE (Europe); MID (Europe, fiscal metering); UKCA (UK)

ETIM for EM340DINAV23XS1PFA Meters (EC001506)

Feature Name

Feature Value

Type of meter (EF005441)  
Electronic  
Nominal current (In) (EF008873)  
5 A  
Max. current (Imax) (EF000877)  
65 A  
Nominal voltage (Un) N-L (EF008871)  
120 V  
Nominal voltage (Un) L-L (EF008872)  
208 V  
Frequency (EF000416)  
50 Hz  
Accuracy class (EF008842)  
B  
Pole type (EF008843)  
Three conductor/four conductor  
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)  
3  
Type of interface (EF006977)  
RS-485  
With lock code (EF008846)  
Yes  
Number of positions total (counter) (EF004442)  
8  
Degree of protection (IP) (EF005474)

IP51

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send CARLO GAVAZZI / EM340DINAV23XS1PFA 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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