

INDUSTRIAL COMPONENT DATA

EM340DINAV23XS1PFB CARLO GAVAZZI Function: MID Energy analyzer , Mounting: DIN Rail, Power supply: Self powe..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EM340DINAV23XS1PFB



Manufacturer	CARLO GAVAZZI
MPN / Reference	EM340DINAV23XS1PFB
Catalog number	10000
Category	Kilowatt-hour meter
Minimum order	1 Pcs
Document ID	EO-D65D7DEE39
Generated	2026-08-05

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 > Controls > 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 meteringConsumption and generationCommunication port and protocolRS485 (Modbus RTU)Power supplySelf power supplyApprovals, marks, declarationsCE (Europe); MID (Europe, fiscal metering); UKCA (UK) ETIM for EM340DINAV23XS1PFB 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/supply
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 / EM340DINAV23XS1PFB with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.