

INDUSTRIAL COMPONENT DATA

EM27172DMV53X2SN CARLO GAVAZZI Selected parameters FUNCTION Energy analyzer MOUNTING DIN-rail and Panel POWE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EM27172DMV53X2SN



Manufacturer	CARLO GAVAZZI
MPN / Reference	EM27172DMV53X2SN
Catalog number	27172
Category	Kilowatt-hour meter
Minimum order	1 Pcs
Document ID	EO-55B5A87E46
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Product Overview

Selected parameters FUNCTION Energy analyzer MOUNTING DIN-rail and Panel POWER SUPPLY Self power supply OUTPUT DIGITAL INPUT None INPUT TYPE 3-phase AC CONNECTION CT/VT COMMUNICATION Dual RS485 serial communication port Others RANGE 230VLN/400VLL AC DISPLAY 6+1 DGT VARIABLES kWh, kvarh, V, A, W DIGITAL INPUTS None PULSE None ALARMS None ANALOGUE none

Compact three-phase energy analyzer, Measurement 2 three-phase or 6 single-phase loads

Multi-load Energy analyzer, 160 to 240 V L-N, 277 to 415 V L-L, 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 > Digital Panel Meters and temperature

Additional Product Information

Specifications

Voltage inputs1-phase (2-wire), 220 V L-N; 1-phase (2-wire), 230 V L-N; 1-phase (2-wire), 240 V L-N; 3-phase (3-wire), 380 V L-L; 3-phase (3-wire), 400 V L-L; 3-phase (3-wire), 415 V L-LFrequency50Hz; 60HzMulti-load sensor typesplit coreMonitored loads per meter1-phase loads: up to 6; 3-phase loads: up to 2Energy meteringConsumption; Consumption and generationCommunication port and protocolRS485 (Modbus RTU)Power supplySelf power supplyApprovals, marks, declarationsCE (Europe); cULus (North America); UKCA (UK)

ETIM for EM27172DMV53X2SN Meters (EC001506)

Feature Name

Feature Value

Type of meter (EF005441)

Electronic

Nominal voltage (Un) N-L (EF008871)

160 V

Nominal voltage (Un) L-L (EF008872)

277 V

Frequency (EF000416)

50 Hz

Pole type (EF008843)

Three conductor/four conductor

Model (EF000010)

Measurement transformer

Energy type (EF007135)

Effective power and reactive power

Suitable for (EF000073)

Purchase/supply

Calibrated (EF008836)

Yes

Pulse output (EF008838)

Optic

Pulse rate (EF008840)

100 Imp/kWh (kvarh)

Type of indication (EF000306)

Digital

Mounting method (EF000003)

DRA (DIN-rail adapter)

Width in number of modular spacings (EF002950)

4

Type of interface (EF006977)

RS-485

With lock code (EF008846)

Yes

Number of positions total (counter) (EF004442)

7

Degree of protection (IP) (EF005474)

IP40

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / EM27172DMV53X2SN 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

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