

## INDUSTRIAL COMPONENT DATA

# EM27172DMV63XOSN CARLO GAVAZZI Selected parameters FUNCTION Energy analyzer MOUNTING DIN-rail and Panel POWE..

Brand: CARLO GAVAZZI | Manufacturer Part Number: EM27172DMV63XOSN



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | CARLO GAVAZZI       |
| MPN / Reference | EM27172DMV63XOSN    |
| Catalog number  | 27172               |
| Category        | Kilowatt-hour meter |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-0E3B4534FF       |
| Generated       | 2026-08-03          |

## Product Overview

Selected parameters FUNCTION Energy analyzer MOUNTING DIN-rail and Panel POWER SUPPLY Self power supply OUTPUT DIGITAL INPUT Dual static output (opto-mosfet) and serial port INPUT TYPE 3-phase AC CONNECTION CT/VT COMMUNICATION None Others RANGE 120VLN/230VLL CA DISPLAY 6+1 DGT VARIABLES kWh, kvarh, V, A, W DIGITAL INPUTS None PULSE 2 ALARMS None ANALOGUE none

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

Multi-load Energy analyzer, 57.7 to 133 V L-N, 100 to 230 V L-L, RS485 Modbus RTU, 2 Pulse outputs

## 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), 115 V L-N; 1-phase (2-wire), 120 V L-N; 3-phase (4-wire), 120/208 V; 3-phase (4-wire), 127/220 VFrequency50Hz; 60HzMulti-load sensor typesplit coreMonitored loads per meter1-phase loads: up to 6; 3-phase loads: up to 2Energy meteringConsumption; Consumption and generationStatic outputPulseCommunication port and protocolRS485 (Modbus RTU)Power supplySelf power supplyApprovals, marks, declarationsCE (Europe); cULus (North America); UKCA (UK)

ETIM for EM27172DMV63XOSN Meters (EC001506)

Feature Name

## Feature Value

Type of meter (EF005441)

Electronic

Nominal voltage (Un) N-L (EF008871)

57.7 V

Nominal voltage (Un) L-L (EF008872)

100 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)

Electrical

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 / EM27172DMV63XOSN 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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