

THE HOME OF INNOVATION.

Eltako



THE MOST IMPORTANT AT A GLANCE

- **The Smallest:**
Only 3 instead of 4 DIN modules
- **The Most Powerful:**
100 A direct measurement
- **The Most Communicative:**
Every meter with Modbus RTU and SO outputs
- **The Fastest:**
Delivers data every 100 ms

THREE-PHASE METERS SERIES 16 THAT'S WHAT COUNTS. SLIMMER, STRONGER, SMARTER



Designation:	DSZ16D-3x100A MID	DSZ16DZ-3x100A MID	DSZ16DE-3x100A	DSZ16DZE-3x100A
Communication Interfaces:	Modbus RTU (RS485), SO output			
Type	Three-phase meter	Bidirectional three-phase meter	Three-phase meter	Bidirectional three-phase meter
MID	✓	✓	✗	✗
ELTAKO Art. No.:	28380016	28380316	28380616	28380216
	135,00 €/pc.	170,00 €/pc.	110,00 €/pc.	153,33 €/pc.

Recommended retail prices excluding VAT.

THREE-PHASE METERS SERIES 16 – THAT’S WHAT COUNTS. SLIMMER, STRONGER, SMARTER



Manuals and documents in further languages:
https://eltako.com/redirect/DSZ16D-3*100A_MID



Manuals and documents in further languages:
https://eltako.com/redirect/DSZ16DE-3*100A



Manuals and documents in further languages:
https://eltako.com/redirect/DSZ16DZ-3*100A_MID



Manuals and documents in further languages:
https://eltako.com/redirect/DSZ16DZE-3*100A



THREE-PHASE METERS SERIES 16

Direct-measuring 3-phase electricity meter (3x100 A) with Modbus RTU and S0 interfaces. DSZ16D MID & DSZ16DZ MID: MID-compliant and therefore approved for billing purposes.

Modular device for DIN rail mounting. 3 modules (54 mm wide), 58 mm deep. Sealable connection area. Accuracy class B (1%).

- 4 tariff meters and totaliser for active power
- Measured values: voltage, current, active power, apparent power, reactive power, Cos φ, power factor, frequency
- Measurement direction reversible (via display and Modbus)
- Connection of 1, 2, or 3 phases possible

Compatible with several Modbus gateways—such as the ZGW16WL-IP—for the analysis and forwarding of data via various protocols, such as MQTT and Modbus TCP.

Example of application: Visualisation of meter data with ZGW16WL-IP and the ELTAKO Connect-App



{REST:API}



ELTAKO Connect-App
<https://eltako.com/redirect/eltako-connect>

DSZ16D-3x100A MID	Three-phase meter, MID	Art. No. 28380016	135,00 €/pc.
DSZ16DE-3x100A	Three-phase meter	Art. No. 28380616	110,00 €/pc.
DSZ16DZ-3x100A MID	Bidirectional three-phase meter, MID	Art. No. 28380316	170,00 €/pc.
DSZ16DZE-3x100A	Bidirectional three-phase meter	Art. No. 28380216	153,33 €/pc.
Accessory: ZGW16WL-IP	Modbus energy meter MQTT Gateway via WLAN and LAN; MQTT, REST-API, Modbus TCP	Art. No. 22016001	128,50 €/pc.

Recommended retail prices excluding VAT.



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