

VERKKOANALYSAATTORI PANEELIASENNUKSEEN

DMG7000, DMG7500, DMG8000, DMG9000

DMG7000

Verkkoanalysaattori, LCD-näyttö, laajennettavissa

- 4,3" värillinen LCD-näyttö
- Monipuoliset väylävaihtoehdot
- Laajennettavissa esim. I/O moduulein
- NFC-ohjelmointi
- Yhteensopivat Easy Branch järjestelmän kanssa



TUOTEKUVAUS

	DMG7000	DMG7500	DMG8000	DMG9000
RS485-portti	-	•	-	•
Ethernet-portti	-	-	•	•
Ethernet-RS485 gateway toiminto	+ EXP1012 + EXP1013	+ EXP1013	+ EXP1012	•
Sisäinen muisti	-	-	•	•
EN50160 yhteensopivuus	-	-	-	•
4 virtamuuntajatuloa, mahdollistaa nollavirran mittaamisen	-	-	-	•
5 sisääntuloa jännitteelle, N-PE jännitteen mittausta	-	-	-	•
EASY BRANCH-yhteensopivuus	-	•	•	•

TEKNISET TIEDOT

Asennus	Paneeliasennus
EASY BRANCH -yhteensopiva	Ei
Etupaneelin IP-luokka	IP65
Hyväksynnät	CSA C22.2-N°14, EN61000-6-2, EN61000-6-3, EN61010-1, UL 508
Laajennettavuus	Kyllä

Laajennusmodulien maksimimäärä	3 kpl
Liittimien IP-luokka	IP20
Max. käyttölämpötila	60 °C
Max. syöttöjännite AC	264 V AC
Max. syöttöjännite DC	300 V DC
Max. taajuus	360 Hz
Max. varastointilämpötila	80 °C
Min. käyttölämpötila	-20 °C
Min. syöttöjännite AC	90 V AC
Min. syöttöjännite DC	100 V DC
Min. taajuus	45 Hz
Min. varastointilämpötila	-30 °C
Mittattava suure	True RMS
Mittaustarkkuus (L-L)	±0,2 % (80...830 V AC)
Mittaustarkkuus (L-N)	±0,2 % (50...480 V AC)
Paino	0,412 kg
Tehonkulutus	6 W
Virrankulutus	15 VA

POWER ANALYZERS WITH WIDESCREEN COLOUR LCD DMG SERIES

- WIDESCREEN COLOR LCD**
The large size of the colour LCD (4.3") allows for the optimal view of measures and parameters in a clear, simple and intuitive way. The standard colour dimensions (600x90mm) ensure a perfect compatibility with the usual front panel solutions.
- 10 LANGUAGES**
The language shown can be selected from a large number of choices: English, French, German, Italian, Spanish, Portuguese, Polish, Russian, Czech, Chinese.
- PROGRAMMABLE LED**
3 front LEDs are programmable and let the user know the status of the device at any time: alarms programmed by the user, status of digital inputs or outputs, emission of pulses indicating energy consumption, communication in progress.
- HIGH ACCURACY LEVEL FOR MEASUREMENTS**
The measurements are verified according to the recognized international standards for measuring instruments: EC 62053-22 (class 0.5%), EC 62053-24 (class 1) and EC 62053-21 (class 0.5).
- NFC CONFIGURATION**
Thanks to NFC technology, it is possible to configure and modify parameters even when the device is not powered through Wi-Fi. NFC is available on the back of the device, which can be downloaded for free from the Google Play Store and App Store for Android and iOS smart devices.
- PLC LOGIC**
Thanks to the built-in PLC logic, the power analyser can perform simple automation related to limits and alarm states and digital inputs. Programming with "Tonic" is simple and intuitive thanks to the use of XTC software.

- EXPANDABILITY**
Possibility to add up to 3 I/O - series expansion modules (analog/digital inputs, outputs and communication ports).
- INTEGRATION WITH SIGNALS FROM THE FIELD**
Thanks to the EXP - expansion modules it is possible to add **digital and analog inputs** by which field measurement such as gas or water consumption, tank levels, temperature, pressure and much more are integrated into the data collector in order to obtain a complete energy management.
- DEGREE OF PROTECTION: IP65**
Possibility of use in "dirty" environments thanks to the gasket on the back which guarantees the **IP65** degree of protection.
- COMMUNICATION**
Availability of modules with built-in **RS485** and **Ethernet** communication ports.
- OPTICAL PORT**
The optical port compatible with the communication devices CAN and CAN2 is available and allows, thanks to XTC software, the parameter configuration, the electrical network diagnostics and the firmware update of the power analyser.
- EASY BRANCH POWER MONITORING SYSTEM**
Thanks to the EXP - modules, a simplified and very fast wiring can be achieved in panels where it is necessary to read the electrical parameters of different loads, drastically reducing the costs and the installation times.

	DMG7000	DMG7500	DMG8000	DMG9000
Built-in RS485 port	—	•	•	•
Built-in Ethernet port (with web server)	—	•	•	•
Channel RS485 gateway function	→ EXP1012 + EXP1013	→ EXP1013	→ EXP1012	•
Memory for data collection	—	•	•	•
Statistics of network quality according to EN50160	—	•	•	•
Neutral current measurement through dedicated CT	—	•	•	•
Neutral Earth voltage measurement	—	•	•	•
Compatibility with EASY BRANCH power monitoring system	—	•	•	•

EVERYTHING UNDER CONTROL!

- MEASUREMENTS**
DMG power analyzers display all the measurements and for a complete check of the electrical network, the voltage measurement input does not require external transformers up to 600VAC.
- CHARTS AND HARMONICS**
The electrical measurements are shown with waveform charts, polar diagrams and representations of the harmonic spectrum up to the 43rd order which is a useful tool to better understand the state of the system.
- STATISTICS**
The DMG9000 model also provides statistics on the quality of the network according to the EN50160 standard - class C - (voltage dips, over-voltage, interruptions, low frequency noises and much more).