



PRIMATA
Tecnologia Eletrônica

Technical Specifications

P27 G2

**Digital Current Logger
(Medium Voltage)**



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www.primataeletronica.com.br
comercial@primataeletronica.com.br

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Presentation

The **Digital Current Logger P27 G2** was designed by **PRIMATA ELETRÔNICA** to simplify the acquisition of data on **alternate current** in **medium voltage up to 69kV** power distribution lines over time.

The set is composed by **03 (three) autonomous loggers** with mass memory that operate at potential. These loggers are part of the **second generation (G2)** line: light-weight, modern, easy to install, with high-measuring autonomy and providing high accuracy measures.

The **Logger P27 G2** makes the process of analyzing the collected data simple and fast, which is imported directly in **SMD Software – Data Manipulation System** that will provide graphs displayed on screen and printed, tables and other data files.



Applications

- ✓ Measuring and logging of instantaneous current measurement in medium voltage lines;
- ✓ Verification, monitoring and network load studies;
- ✓ Verification of current transformation ratios;

Technical features

| | |
|-------------------------------------|--|
| Registered parameter | Alternating Current (True RMS) |
| Operating voltage (F-F) | Up to 69kV |
| Operating temperature | -20 to 60 °C |
| Frequency | 50Hz / 60Hz |
| Scale | 1000 A |
| Resolution | Range up to 99,9A: 0,1A Range from 100A: 1A |
| Accuracy | ± (1%+2D) |
| Opening of the transducer | 3,3 cm |
| Types of equipment triggering | By time (programmed) or immediate |
| Memory | Up to 60.000 logs |
| Programmable interval between logs | From 10 seconds to 60 minutes |
| Communication | USB |
| Battery | Rechargeable |
| Weight | 1,35 kg |
| Housing | Shock and water resistant ABS plastic |
| Dimensions | 295 x 100 x 170 mm |
| Autonomous and potential operation | Yes (eliminates several problems and risks related to medium voltage insulation) |
| Open-core transducer | Yes (allows the installation without interruption in the electric power supply) |
| Hitch for maneuvering rod | Yes |
| Degree of protection (weatherproof) | IP 65 |

Applicable Software

- ✓ Local SMD – Data Manipulation System;

Set Items

- ✓ 03 (three) Data Loggers;
- ✓ 03 (three) battery chargers;
- ✓ 02 (two) USB cables;
- ✓ 01 (one) case for transport and storage of equipments and accessories;
- ✓ SMD Software – Data Manipulation System;

Digital Current Logger P27 G2 (Medium Voltage)



Contact us:

Tel.: +55 (41) 3223-2176

Rua Visconde de Nácar, 288, Centro
Curitiba - PR - 80410-200

www.primataeletronica.com.br



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PRIMATA ELETRÔNICA products are in constant improvement. Therefore, the technical specifications contained in this material may be changed without previous notice. Check our website for possible updates.



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