

Landis & Gyr Data Concentrator

Product Specifications

Voltage

- Operating voltage 1x230 V or 3x230/400 V
- Voltage range: 0.8 Un to 1.15 Un

Frequency

- 50 Hz

External Connection Options

- RS-485 (RJ45) SELV, max. 24 V
- Pluggable GSM/GPRS modem
- Power line communication on CENELEC A-band

2G modem characteristics

- Pluggable GSM/GPRS modem
- Quad-Band GSM 850/900/1800/1900 MHz
- GPRS multi-slot class 10
- Compliant to GSM phase 2/2+
- SIM-card holder
- SIM card interface 1.8 V and 3 V
- SMA connector for the antenna



iSWITCH
PREPAID METERING (PTY) LTD

Product Overview

The Landis & Gyr Data Concentrator handles the communication between the head end system (HES) and the metering PLC device. DC450 reads metering data automatically and can send data to the system or store data for later retrieval by HES.

Dimensions

Meter Dimensions

L 184mm

W 175mm

D 72mm

Electromagnetic Compatibility

- Dielectric strength: 4 kV, 50 Hz, (IEC 610-0-4-5)
- Electrostatic discharge: 15 kV (IEC 610-0-4-2)

Operating Environment

- Working Temp: -25°C to +60°C
- Storage Temp: -40°C to +70°C
- Protection class to IEC 60529: IP 51