



ePick GPRS NET

ePick GPRS NET, Gateway with GPRS communications (SIM card must be provided by the user) to send data from the units connected to the RS-485 port or Ethernet to the Databox cloud platform in order to carry out energy audits and improvements related to Electrical Energy Efficiency,

Code: D60070.

Description

ePick GPRS VPN or **ePick GPRS NET**. It is a **datalogger** or **gateway** designed to connect all of your installation's devices and sensors in order to facilitate electric energy management together with the **CIRCUTOR DataBox platform**.



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Specifications

AC power supply

| | |
|-----------------------|-----------------|
| Installation category | CAT III 300 V |
| Consumption | 8,8 ... 10,5 VA |
| Frequency | 47 ... 63 Hz. |
| Nominal voltage | 85 ... 264 V~ |

DC power supply

| | |
|-----------------------|---------------|
| Installation category | CAT III 300 V |
| Consumption | 6,4 ... 6,5 W |
| Nominal voltage | 120 ... 300 V |

Mechanical characteristics

| | |
|----------------------------------|----------------------------------|
| Size (mm) width x height x depth | 87,5 x 88,5 x 48 (mm) |
| Envelope | PC UL 94 - V0 self-extinguishing |
| Fastening | DIN rail |
| Weight (kg) | 0,18 |

Environmental characteristics

| | |
|--|----------------|
| Protection class | IP 20 / IK 08 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -25 ... +75 °c |
| Working temperature | -20 ... +50 °c |

Standards

| | |
|--|--|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Contamination level/class | Pollution resistance 2 |
| Standards | UNE-EN 61000-6-4, UNE EN 61000-6-2, UNE-EN 61010-1, 2012/19/EC |

Electrical safety

| | |
|------------|---|
| Insulation | Double-insulated electric shock protection class II (IEC 61010-1) |
|------------|---|

User interface

| | |
|-----|-------|
| LED | 3 LED |
|-----|-------|

ePick
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| CODE | TYPE | Integrated Software | Transistor output | Generic Modbus | Communications | Protocol | Analogue Inputs | N° relays | Digital inputs | Analog output | Description |
|-----------------------------|-------------------|--|-------------------|----------------|--------------------------------------|------------------------------------|-------------------|-----------|----------------|---------------|---|
| M61055. | Line-EDS-cloud | API's de | 2 | 1 | Ethernet Wi-Fi RS-485 Bus-Line | Modbus API's web | | | | | |
| M61095. | Line-EDS-PS | PowerStudio | 2 | 1 | Ethernet Wi-Fi RS-485 Bus-Line | Modbus (Circuitor + generic) XML | | | | | |
| M61065. | Line-EDS-PSS PRO | PowerStudio Scada PRO | 2 | 1 | Ethernet Wi-Fi RS-485 Bus-Line | Modbus (Circuitor + generic) XML | | | | | |
| M61068. | Line-EDS-iMonitor | PowerStudio Scada PRO + Front-end iMonitor | 2 | 1 | Ethernet Wi-Fi RS-485 Bus-Line | Modbus (Circuitor + generic) XML | | | | | |
| Input/Output Modules | | | | | | | | | | | |
| M58E01. | Line-M-4IO-T | | 4 | | | Modbus/RTU | - | - | 4 | - | |
| D73001. | Line-M-4IO-T | | 4 | | | Modbus/RTU | - | - | 4 | - | |
| M58E02. | Line-M-4IO-R | | - | | | Modbus/RTU | - | 4 | 4 | - | |
| D73002. | Line-M-4IO-R | | - | | | Modbus/RTU | - | 4 | 4 | - | |
| M58E08. | Line-M-8I6O | | - | | | Modbus/RTU | - | 6 | 8 | - | |
| D73008. | Line-M-8I6O | | - | | | Modbus/RTU | - | 6 | 8 | - | |
| M58E03. | Line-M-4IO-A | | - | | | Modbus/RTU | 4 (0/4 ... 20 mA) | - | - | - | 4 (0/4 ... 20 mA) 4 (0/2 ... 10 Vdc) |
| D73003. | Line-M-4IO-A | | - | | | Modbus/RTU | 4 (0/4 ... 20 mA) | - | - | - | 4 (0/4 ... 20 mA) 4 (0/2 ... 10 Vdc) |
| M58E04. | Line-M-4IO-RV | | - | | | Modbus/RTU | - | 4 | 4 (230 V) | - | |
| D73004. | Line-M-4IO-RV | | - | | | Modbus/RTU | - | 4 | 4 (230 V) | - | |
| Power supply | | | | | | | | | | | |
| M58E0A. | Line-M-EXT-PS | | | | | | | | | | 110-277 V ~ (P-N)/110-480 V ~ (P-P) power supply for maximum of 3 Line devices |
| D7300A. | Line-M-EXT-PS | | | | | | | | | | 110-277 V ~ (P-N)/110-480 V ~ (P-P) power supply for maximum of 3 Line devices |
| Modem | | | | | | | | | | | |
| D73007. | Line-M-3G | | | | | | | | | | 3G/GPRS communications modem and Bus-Line to communicate with Line-EDS devices |
| D7300C. | Line-M-4G | | | | | | | | | | 4G/GPRS communications modem and Bus-Line to communicate with Line-EDS devices |
| Ethernet converter | | | | | | | | | | | |
| M62411. | Line-TCPRS1 | | | | | | | | | | RS-485/RS-232 to Ethernet/Wi-Fi converter (ModbusTCP/TCP/UDP) Integrated web server and mobile app (MyConfig) for configuration |



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|--------------------|----------------------|---------------------|-------------------|----------------|----------------|----------|-----------------|-----------|----------------|---------------|--|
| D80030. | Line-TCPRS1 | | | | | | | | | | RS-485/RS-232 to Ethernet/Wi-Fi converter (ModbusTCP/TCP/UDP) Integrated web server and mobile app (MyConfig) for configuration |
| D60060. | ePick GPRS VPN | | | | | | | | | | Gateway with GPRS communications via VPN network (1) and SIM card fully configured to send data from the units connected to the RS-485 port or Ethernet to the Databox cloud platform in order to carry out energy audits and improvements related to electrical energy efficiency |
| D60070. | ePick GPRS NET | | | | | | | | | | Gateway with GPRS communications (SIM card must be provided by the user) to send data from the units connected to the RS-485 port or Ethernet to the Databox cloud platform in order to carry out energy audits and improvements related to Electrical Energy Efficiency |
| Accessories | | | | | | | | | | | |
| Q4994M. | Antena mural | | | | | | | | | | |
| Q4994N. | Antena antivandálica | | | | | | | | | | |