

ePick GPRS NET

Gateway with **GPRS** communications (requires user SIM card) or **Ethernet** (requires connection to a LAN network with Internet access) to send data from equipment connected to the RS-485 or Ethernet port to the Databox cloud platform.,

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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Gateway for 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)	1

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

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CODE	TYPE	Integrated Software	Transistor output	Generic Modbus	Communications	Protocol	Description	Analogue Inputs	N° relays	Digital inputs	Analog output
D70050.	Line-EDS-cloud	API's de	2	1	Ethernet | RS-485 | Bus-Line	Modbus | API's | web					
D70005.	Line-EDS-PS	PowerStudio	2	1	Ethernet | RS-485 | Bus-Line	Modbus (Circutor + generic) | XML					
D70020.	Line-EDS-PSS PRO	PowerStudio Scada PRO	2	1	Ethernet | RS-485 | Bus-Line	Modbus (Circutor + generic) | XML					
D70021.	Line-EDS-iMonitor	PowerStudio Scada PRO + Front-end iMonitor	2	1	Ethernet | RS-485 | Bus-Line	Modbus (Circutor + generic) | XML					
Modem											
D7300C.	Line-M-4G						4G/GPRS communications modem and Bus-Line to communicate with Line-EDS devices				
Ethernet converter											
D80030.	Line-TCPRS1						RS-485/RS-232 to Ethernet/Wi-Fi converter (ModbusTCP/TCP/UDP) Integrated web server and mobile app (MyConfig) for configuration				
Power supply											
D7300A.	Line-M-EXT-PS						110-277 V ~ (P-N)/110-480 V ~ (P-P) power supply for maximum of 3 Line devices				
Input/Output Modules											
D73001.	Line-M-4IO-T		4			Modbus RTU		-	-	4	-
D73002.	Line-M-4IO-R		-			Modbus RTU		-	4	4	-
D73008.	Line-M-8I6O		-			Modbus RTU		-	6	8	-
D73003.	Line-M-4IO-A		-			Modbus RTU		4 (0/4 ... 20 mA)	-	-	4 (0/4 ... 20 mA) |4 (0/2 ... 10 Vdc)
D73004.	Line-M-4IO-RV		-			Modbus RTU		-	4	4 (230 V)	-
D73006.	Line-M-20I					Modbus RTU			-	20	
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				