



ePick GPRS VPN

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,

Code: D60060.

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

Code: D60060.

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)	0,244

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)
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User interface

LED	3 LED
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ePick
Gateway for DataBox platform



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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-8IO		-			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-2OI					Modbus/RTU			-	20	
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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				