



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.

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

Communications

IP address for local communications	100.0.0.1
Connector	RJ-45 / Terminal Blocks / SMA (external antenna included)
Speed	Ethernet 10 /100 BT (Mbit/s), Modbus: 9600-19200-38400-57600-115200 bps
Technology	Ethernet, RS-485, GPRS NET (SIM not included)

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)
------------	---



ePick GPRS NET

Gateway for DataBox platform

Code: D60070.

User interface

LED	3 LED
-----	-------

ePick

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 (Circutor + generic) XML					
M61065.	Line-EDS-PSS PRO	PowerStudio Scada PRO	2	1	Ethernet Wi-Fi RS-485 Bus-Line	Modbus (Circutor + generic) XML					
M61068.	Line-EDS-iMonitor	PowerStudio Scada PRO + Front-end iMonitor	2	1	Ethernet Wi-Fi RS-485 Bus-Line	Modbus (Circutor + generic) XML					

Input/Output Modules

M58E01.	Line-M-4IO-T		4			Modbus/RTU	-	-	4	-	
M58E02.	Line-M-4IO-R		-			Modbus/RTU	-	4	4	-	
M58E08.	Line-M-8IO		-			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)	
M58E04.	Line-M-4IO-RV		-			Modbus/RTU	-	4	4 (230 V)	-	
M58E06.	Line-M-2OI					Modbus/RTU		-	20		

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
---------	---------------	--	--	--	--	--	--	--	--	--	--

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
---------	-------------	--	--	--	--	--	--	--	--	--	---

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
---------	----------------	--	--	--	--	--	--	--	--	--	--



ePick GPRS NET

Gateway for DataBox platform

Code: D60070.

CODE	TYPE	Integrated Software	Transistor output	Generic Modbus	Communications	Protocol	Analogue Inputs	Nº relays	Digital inputs	Analog output	Description
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