



## Line-EDS-cloud

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Line-EDS-cloud, Cloud data collection systems (Big Data). Integrates website.

Code: M61055.

- > Protocol: Modbus | API's | web
- > Generic Modbus: 1
- > Integrated Software: API's de: AZURE AWS GOOGLE DEXCELL MyCIRCUTOR
- > Communications: Ethernet | Wi-Fi | RS-485 | Bus-Line
- > Transistor output: 2
- > Mounting: DIN rail

### Description

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The **line-EDS-cloud** is a gateway designed to integrate field devices with monitoring and telemanagement systems located in the cloud. This module allows reading the variables from any Modbus device (TCP or RTU) on the market and upload them to cloud platforms, such as AmazonWebServices, Google platform or Azure.

By programming the device, you can incorporate any actuating logic for analogue or digital outputs, allowing you to create an automated management system that performs actions based on the input signals.

The device can be connected via cabled (Ethernet) or wireless (Wi-Fi) networks.

### Application

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This device can be used to measure and control any installation, integrating it into cloud platforms:

- Azure
- AWS
- Google Cloud
- Cloud API's



## Line-EDS-cloud

Efficiency Data Server

Code: M61055.

### Specifications

#### AC power supply

Installation category	CAT III 300 V
Consumption	11 ... 28 VA
Frequency	50 ... 60 Hz
Nominal voltage	120 ... 264 V ~

#### DC power supply

Installation category	CAT III 300 V
Consumption	2.5 ... 7 W
Nominal voltage	190 ... 300 Vdc

#### Mechanical characteristics

Size (mm) width x height x depth	52.5 x 118 x 70 (mm)
Screw type	Flat, M2.5
Envelope	Self-extinguishing V0 plastic
Torque setting	≤ 0.4 Nm
Cable gauge at power supply terminals	2.5 mm <sup>2</sup>
Fastening	DIN rail
Weight (kg)	0,18

#### Environmental characteristics

Protection class	IP30, Front: IP40
Relative humidity (without condensation)	5 ... 95%
Storage temperature	-20 ... +80 °C
Operating temperature	-10 ... +50 °C

#### Standards

Certifications	UL 61010-1
Electrical safety, Maximum height (m)	2000
Standards	UNE-EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4, UL 61010-1

#### Communications

Effective radiated power (ERP)	11,25 dBm
IP address for local communications	100.0.0.1
Connection mode to Network	DHCP ON/OFF (ON by default)
Effective isotropic radiated power (EIRP)	13,4 dBm
Band	2,4 GHZ.
Fieldbus	RS-485



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Data bits	8
Stop bits (ModBus)	1-2
Connector	RJ-45
Parity	non-pair-impar (Modbus)
Protocol	Modbus RTU / Modbus TCP-IP / Web server - MQTT / REST
Speed	Ethernet 10 /100 BT (Mbit/s), Modbus: 9600-19200-38400-57600-76800-115200
Standards	IEEE 802.11 ac / a / b / g / n
Maximum output power	8,9 dBm
Connection mechanism	Ethernet 10BaseT / 100BaseTX autodetectable Wi-Fi

### User interface

LED	5 LED
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### Digital transistor outputs

Pulse width	1 ms
Quantity	2
Type	NPN
Maximum frequency	500 Hz
Maximum current	120 mA
Maximum voltage	48Vcc



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CODE	TYPE
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Bus-Line: RS-485 communications system, with lateral side connector between modules



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### Dimensions

