Line-EDS-cloud

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

Code: D70050.

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

Description

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).

Application

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: D70050.

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)
Envelope	Self-extinguishing V0 plastic
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

Communication Network

Connection mechanism	RJ-45
Connection mode	DHCP ON/OFF (ON by default)
Protocol	Modbus RTU / Modbus TCP-IP / Web server - MQTT / REST
Technology / Interface	Ethernet 10 /100 BT

User interface

LED	5 LED

Digital transistor outputs

Pulse width	1 ms

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Quantity	2
Type	Optocoupler NO
Maximum frequency	500 Hz
Maximum current	120 mA
Maximum voltage	48Vcc

Serial communication

Protocol	Modbus RTU
Technology / Type	RS-485

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CODE	TYPE	Integrated Software	Transistor output	Generic Modbus	Communications	Protocol
M61055.	Line-EDS-cloud	API's de	2	1	Ethernet | Wi-Fi | RS-485 | Bus-Line	Modbus | API's | web
D70050.	Line-EDS-cloud	API's de	2	1	Ethernet | RS-485 | Bus-Line	Modbus | API's | web

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

Circutor

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Dimensions

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