

GATEWAY DATA LOGGERS EXCGLB



ENERGY AND AUTOMATION



EXCGLB...

Order code	Description	Qty per pkg
		n°
EXCGLB01	Gateway data logger, 1 RS485 port, 1 Ethernet port, Wi-Fi connection	1
EXCGLB02	Gateway data logger, 1 RS485 port, 1 Ethernet port, 4G (LTE) connection, GNSS (GPS)	1
EXCGLB03	Gateway data logger, 1 RS485 port, 2 Ethernet ports, 4G (LTE) connection	1

Available versions

Communication	EXCGLB01	EXCGLB02	EXCGLB03
RS485 port	● (Modbus RTU master)	● (Modbus RTU master)	● (Modbus RTU master)
Ethernet port	1	1	2 (independent networks)
Wi-Fi connection	●	-	-
4G (LTE) connection (built-in)	-	● (MicroSIM)	● (MicroSIM)
GNSS (GPS) function	-	●	-
Digital/Analog input, digital output	1 digital input 1 analog input 0...10V 1 digital output @24VDC	1 digital input 1 analog input 0...10V 1 digital output @24VDC	1 digital input 1 analog input 0...10V 1 digital output @24VDC
Network protocols and services	MQTT http/https VPN client Modbus TCP master (device side) FTP	MQTT http/https VPN client Modbus TCP master (device side) FTP	MQTT http/https VPN client Modbus TCP master (device side) FTP

Typical applications

	EXCGLB01	EXCGLB02	EXCGLB03
Metering instruments (power analyzer, energy meter...)	●	-	●
Power factor controllers	●	-	-
Power factor controllers (with advanced analysis requirements)	-	-	●
Soft starters	●	●	-
Variable speed drives	●	●	-
Micro PLCs	●	●	-
Automatic transfer switch controllers	●	-	-
Engine and generating controllers	-	●	-

Application examples

EXCGLB01	EXCGLB02	EXCGLB03
Electric motors	Generators	Industry, shopping center

General characteristics

The gateway data logger EXCGLB devices are suitable for the energy monitoring of complex systems, power factor correction controllers, systems driven with soft starters or AC drives, for the remote control of Micro PLCs and in the version with GNSS (GPS), for applications with generating sets and when it is necessary to geolocate rental machines.

Communication with the devices in the field takes place via RS485 serial port or Ethernet, while the connection to the data collection software can be via the integrated Ethernet ports or via the 4G (LTE) connection.

Operational characteristics

- Power supply: 12-24VDC
- RS485 serial port: TR - A - B - GND
- 1 digital input
- 1 analog input 0...10V
- 1 static NO output
- 4G (LTE) connector
- GNSS (GPS) connector
- Ethernet port (1 or 2, independent)
- LED: power, device status, data, input status, output status, wireless communication
- Third party software support
- Third-party device support
- Operating temperature: -20...+60°C
- 72mm housing (4 modules) mountable on DIN rail
- Compatible with **Synergy** and **Synergy^{cloud}**.

Certifications and compliance

Compliant with standards: IEC61010-1, IEC61000-6-2, IEC61000-6-3, ETSI 301489-1

EXCGLB01: ETSI 301489-17

EXCGLB02: ETSI 301489-52, ETSI 301489-19

EXCGLB03: ETSI 301489-52

Dimensions [mm(in)]

