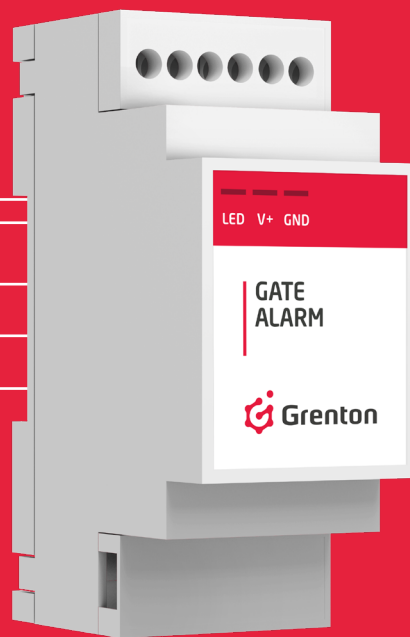


GRENTON GATE ALARM

INT-013-E-01

UNIVERSAL GATE MODULE
FOR DIN RAIL ASSEMBLY



Module for integration with external devices and systems. Gate ALARM enables integration with Satel alarm system.

- enables the service of up to 60 objects, such as zone, input, output, register
- transmits information about the slave systems to the CLU enabling creating complex logic in the Grenton supervisory system
- allows to create simple event-based configuration

CONFIGURATION PARAMETERS

CHARACTERISTICS

Name	Description
UpTime	Time of device operation since last reset (in seconds)
UnixTime	Current Unix time
FirmwareVersion	Gate software version
ClientReportInterval	Characteristics change report period
UpdateTime	Satel state update period
State	Satel state
SatelIP	ETHM Satel module IP address
SatelPort	ETHM Satel module port
AdminPassword	Administrator Satel password
EncryptionEnabled	Encrypting
EncryptionKey	Satel encrypting key
Value	Returns 1 for armed zone, high state at the input or On state at the output. Returns 0 for disarmed zone, low state at the input or Off state at the output.
Nr	Parameter defining to which zone, input, and output refers object.
UserPassword	User password. When setting the user password to "_", it will use the administrator password

METHODS

Name	Description
SetDateTime	Sets date and time
SetClientReportInterval	Sets the characteristics change report period
SetUpdateTime	Sets the satel state update period
SetSatelIP	Sets the ETHM Satel module IP address
SetSatelPort	Sets the ETHM Satel module port
SetAdminPassword	Sets the administrator password
SetEncryptionEnabled	Enables or disables encrypting
SetEncryptionKey	Sets the Satel encrypting key
ArmZone	Arms the zone
DisarmZone	Disarms the zone
SetNr	Sets the parameter defining to which zone, input, and output refers object.
SetUserPassword	Sets the user password. When setting the user password to "_", it will use the administrator password.
SwitchOn	Sets output value to 1
SwitchOff	Sets output value to 0

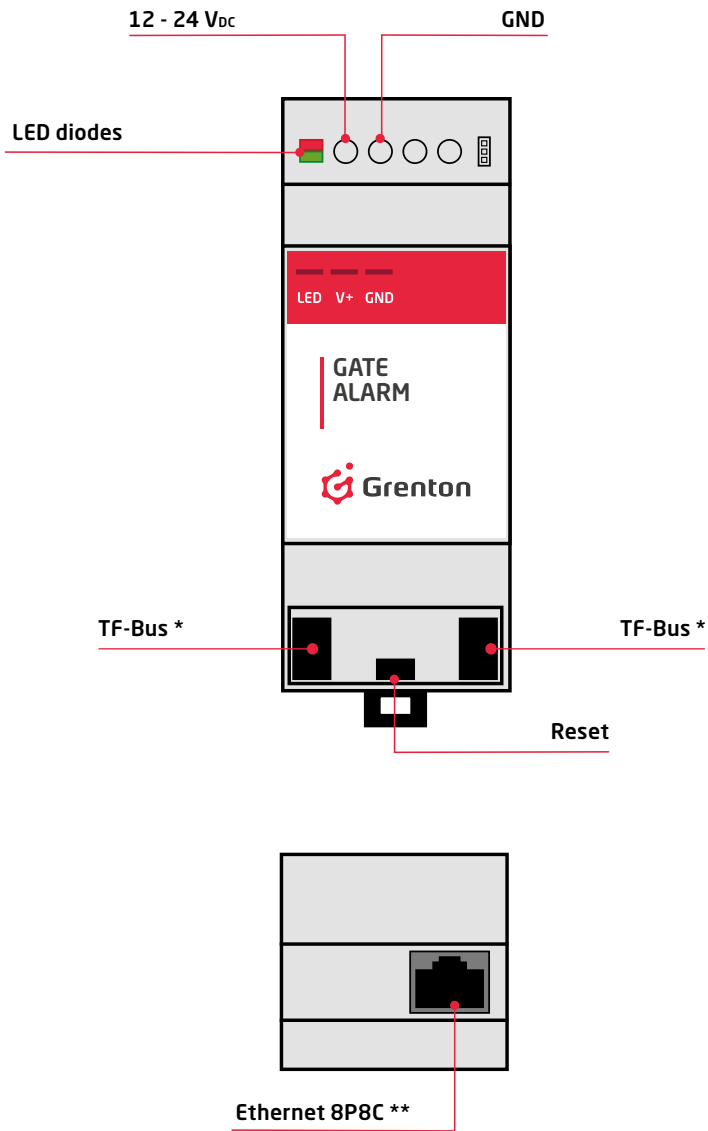
EVENTS

Name	Description
OnInit	Event occurring once during device initialization
OnChange	Event occurring when a change in the state takes place (regardless of the value)
OnSwitchOn	Event occurring when On state is set at output or when high state is set at the input
OnSwitchOff	Event occurring when Off state is set at output or when normal state is set at the input
OnArm	Event occurring zone is armed
OnDisarm	Event occurring zone is disarmed

TECHNICAL SPECIFICATION

power options	supply DC	12 - 24 V
	TF-Bus	5 V
max. current input for 12 V		80 mA
max. current input for 24 V		50 mA
weight		80 g
dimensions (H/W/D)		52/57/21 mm
operating temperature range		0 to +45°C

WIRING DIAGRAM



*) The device can be alternatively powered by means of the TF-Bus connector that provides 5 V_{DC} power supply. However, it is recommended to use external 12 - 24 V_{DC} supplies as it improves the stability of the system. The device works as a TF-Bus relay so it can be easily installed in the middle of other Grenton modules.

***) The GATE module communicates with the CLU unit via the Ethernet network/interface (8P8C Ethernet connector, so-called RJ-45). In order for the system to operate correctly the CLU device(s), the GATE ALARM module as well as the ETH interface of the Alarm device have to be connected to the same ethernet network.

LED - status indication:

○ ○ No supply

● ○ Green diode blinks - system OK

○ ● Slave device reports an error

● ○ Error or no configuration