Alarm modem ALMIOG03



- SMS message in the event of a change to the digital or analog input
- Switch digital outputs via SMS or call
- Authentication by telephone number + PIN code
- Integrated real-time clock with battery backup
- Transfer of project planning via micro USB

https://www.wachendorff-prozesstechnik.de/en/ALMIOG03

Description

With the advanced GSM alarm modem, Wachendorff offers an alarm/ remote control solution for monitoring or controlling decentralized systems or installations.
Changes to the digital inputs and the analog input can be transmitted directly via SMS.
The digital outputs can be controlled via SMS or a free call. Security functions such as caller identification via cell phone number and text comparison can be activated via the free, German-language configuration software.
In systems without an operator, such as pumping stations, solar fields and elevators, fault messages can be transmitted directly to the service technician.
The DIN rail mounting and screw terminals ensure quick and safe installation and easy wiring of the device.

Product details

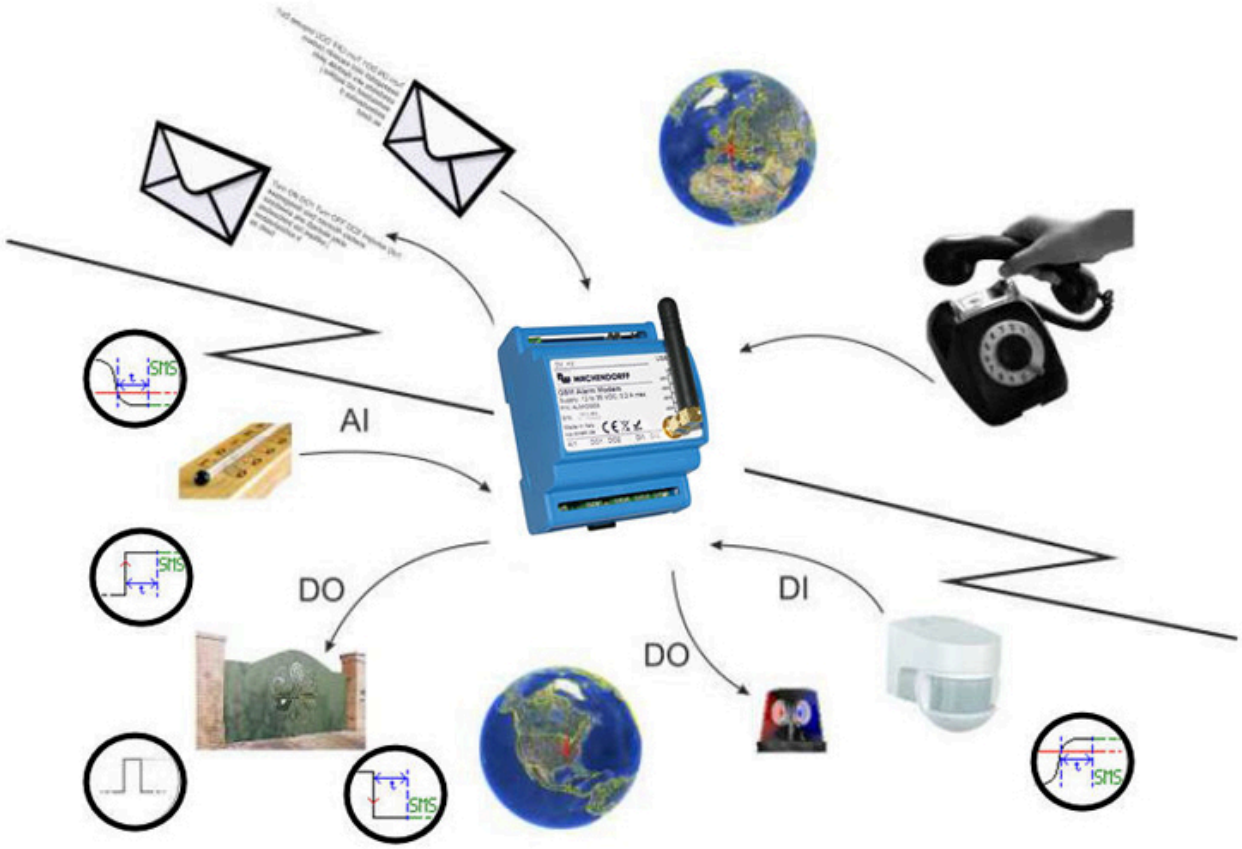
Digital inputs:	Quantity: 2, galvanically isolated Switching type: positive switching (PNP) Max. 48VDC
Digital outputs:	Quantity: 2, galvanically isolated Switching type: NO contact Load capacity: Max. 48 VDC; max. 250 mA
Analog input:	Quantity: 1 Resolution: 10 Bit Input range: 0 VDC to 10 VDC
SIM card slot:	Quantity: 1 Micro SIM card The slot is located on the front of the device.
Interfaces:	1 x micro USB port
Antenna connection:	Quantity: 1 SMA socket
Supported frequency bands:	GSM/GPRS: 850, 900, 1800, 1900 MHz
LED:	4 x signal display for supply and communication
Supply:	12 VDC to 35 VDC, 3.5 Watt or 8 VAC to 24 VAC, 3.5 VA, 50/60Hz
Software:	Free configuration software SW67302 for parameterization of the device
Operating temperature:	-20 °C to +70 °C
Humidity:	10% to 80%, non-condensing
Housing:	PVC Color: Blue
Dimensions (WxHxD):	71mm x 95mm x 60mm
Weight:	approx. 200g
Fastening:	Mounting on the DIN rail
Scope of delivery:	ALMIOG03: Device, short rod antenna approx. 5 cm ALMIOG02: Alarm modem ALMIOG03 Omnidirectional mobile radio antenna with 5 m cable (WEW40902F)

Products Order no.	
ALMIOG03	GSM alarm modem incl. short rod antenna
ALMIOG02	Alarm modem with mobile antenna, 5m cable consisting of ALMIOG03 and WEW40902F

Accessories Order no.	
DRS4-24A	Power supply unit for DIN rail, 85 to 264 VAC, 24 VDC 4.2 A, screw terminal
KABUSBM2	USB programming cable, USB 2.0A to micro USB, 2 m cable
WEW40902F	Omnidirectional mobile radio antenna GSM, 2G/GPRS, 3G/UMTS/HSPA with 5 m connection cable

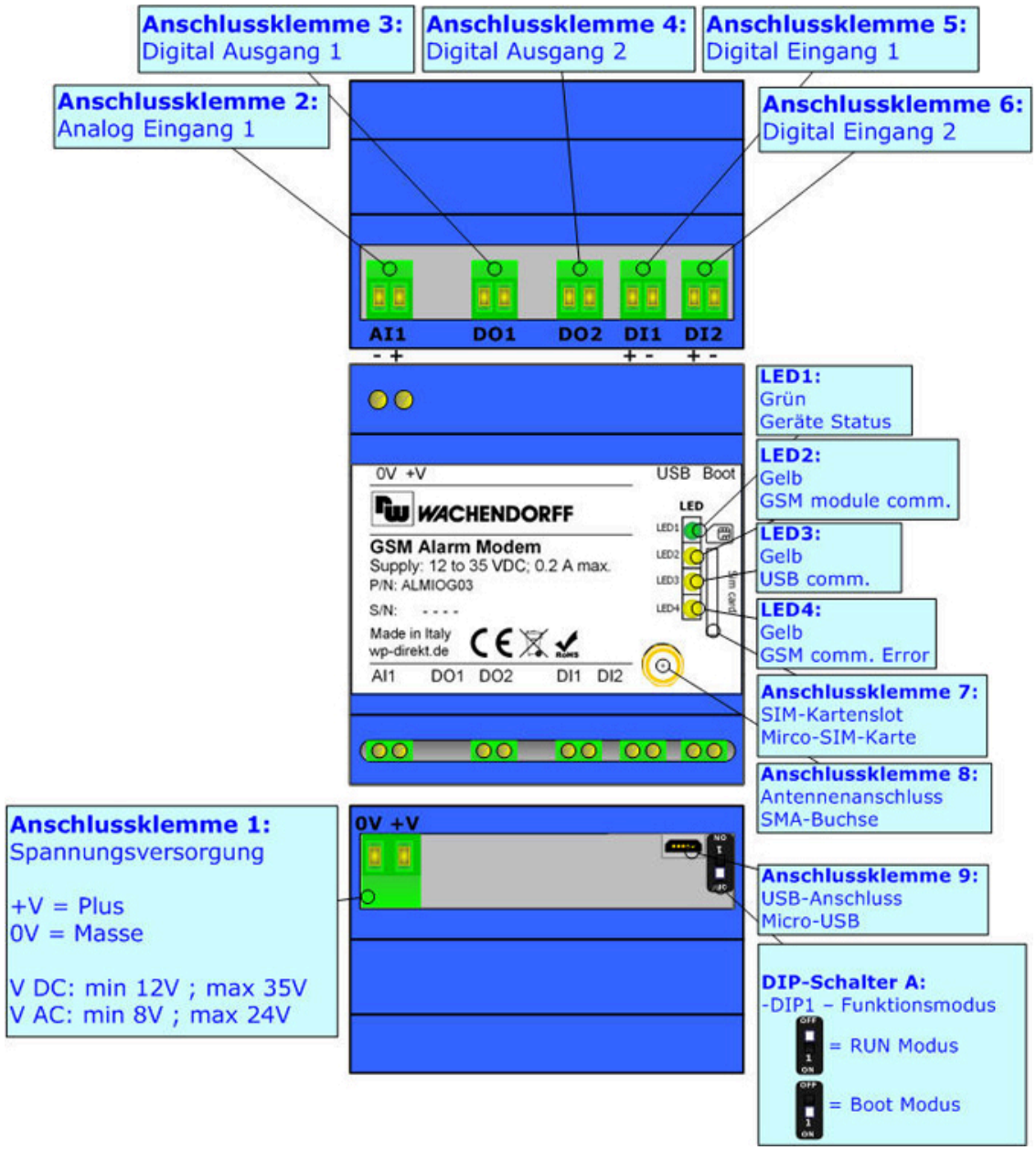
Drawings

Example application



Drawings

Connection diagram



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