SMS-Gateway

Input/output Module



DIGIcontrol-SMS

- High security SMS to IBB/S Gateway
- 3 monitored inputs & 3 relay outputs
- Sensirion interface for temperature & humidity
- Security management for 80 persons & 20 groups
- Local temperature regulation with time structures
- 30 virtual network outputs to trigger SMS messages
- 15 Analogue network values for SMS query
- 20 local code words for network actions
- Support for light, alarm, access control & regulation
- AES encrypted IBB/S bus interface



DIGIcontrol-SMS

DIGIcontrol-SMS is the latest ATS SMS gateway to open a new world of communication to the ATS building and security systems. It sends important system information per SMS to pre-defined person groups and allows also to send control and query command per SMS to the DIGIcontrol 3000 system.

All functions are implemented on HW level without the need of a running host system. SMS control messages are secured by caller ID verification and password. Local regulation and light function feature standalone functionality for remote locations without an ATS security systems.

80 authorized persons with phone number, pin code and authorisations in 20 personal groups are stored in a local flash memory.

A code word table allows to send simple SMS starting with "X@" followed by the code word and a pin code to execute a large variety of pre-defined actions in the SMS gateway.

The DIGIcontrol-SMS gateway supports light- and alarm functions, door control commands, setpoint messages for the regulation and query messages to receive analogue values from the building system. Special T&A codes are transferred to the master controller to allow remote T&A bookings by SMS.

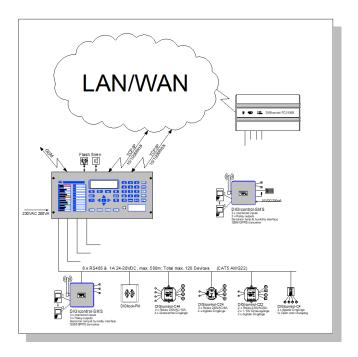
3 local inputs and 30 virtual outputs for the master system could be defined to trigger information or alarms to a predefined personal group of up to 4 persons. The message text could be individually defined. A special command could insert also two of the 15 pre-defined global analogue values.

A query SMS from an authorized user "I@5 (Pin)" can request an info SMS containing value 5 of the 15 global analogue values "Cooling temperature -12,5°C".

Supporting the high secure AES encrypted IBB/S bus, it allows ease connection to DIGIcontrol-FC3xxx or AIDApoint Floorcontrollers. The devices is powered with a switched power regulator from the 24VDC IBB line or a local 24VDC power supply.

The small size of the DIGIcontrol-SMS on wall I/O module makes it possible to mount it easily anywhere needed

SMS Input / output gateway



Technical Data:

DIGIcontrol-SMS:

32-bit ARM Cortex-M4 CPU

Memory: 512kb Flash & 64kB SRAM

IBB/S network interface

Micro SIM Card Connector SIM Push & Pull

SMA Antenna socket

1 x Interface for Sensirion digital humidity & temperature sensor

3 x supervised digital inputs

3 x relay 60V/6A

V4 analogue reporting system for all analogue values

internal service input for bus voltage Operating temperature: -10° to +45°

Operating temperature: -10 to +2

Dimensions: 114 x 114 x H 26 mm

Power: 12,5-28 VDC from IBB Supply or extern / 200mA max.

Delivery Contents:

DIGIcontrol-SMS complete with installation and wiring instructions.

Options:

SMA GSM Clip-on antenna

SMA GSM Mast antenna

Sensirion temperature & humidity cable sensor

Accuracy: ± 2 % rH and ± 0.2 °C;

Information contained in this document is correct at the time of publication (12122021) is subject to change without notice

