



MS-GSM

Communication system and remote control on GSM network

- Local Interface
- GSM/GPRS modem
- Graphic OLED display (128x64 pixel)
- Internal memory to store messages and events
- Autoreclosing capability
- Supplied with standard antenna
- DIN bar mounting

GSM/GPRS communication

- Modem Integrated quad band (850/900/1800/1900 MHz)
- Minimum sensibility ≥ -111 dBm
- GSM Fase 2/2+ class 4 (2W@ 850/900MHz)
class 1 (1W@ 1800/1900MHz)
- GPRS 1-12 slot, class B

Machine interface

- 1 configurable digital input, with multirange power supply
- 2 self-powered digital inputs
- 3 fully configurable changeover output relays 6A, 250V
- Low power multirange power supply

Local interface

- Oled graphic display (128x64) for visualization of network parametes and configurations
- 3 push-button for menu navigation
- Front USB port for local communication
- RS485 for remote communication (MODBUS MASTER)
- Signalization LED

Fucntionality

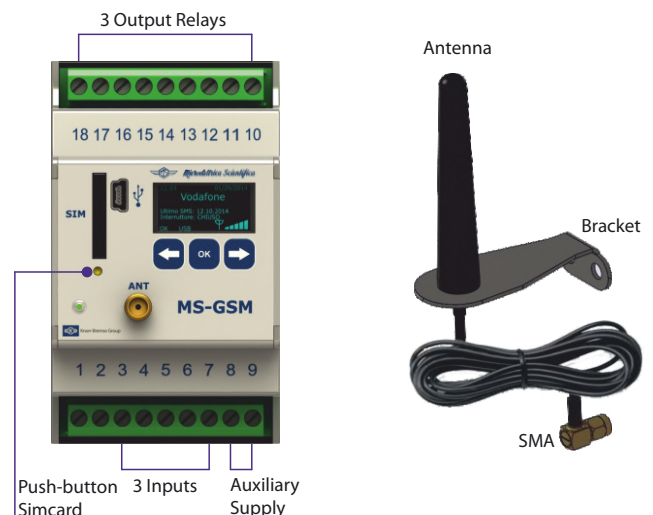
- Compatible with AT command (GSM 07.07, 07.05)
- Standard additional command
- Up to 20 input messages
- Up to 20 output messages

Antenna

- Antenna multi-band GSM-GPRS omnidirectional
- Frequency : 860-960 / 1710-1880 MHz
- Impedance : 50 Ω
- Max. power : 25 W
- Polarization : Linear
- Radiation : Omnidirectional
- Overall Dimensions : 110x75x30 mm
- Connection : SMA male
- Bracket : Stainless steel
- Cable length : 3 mt

Certifications

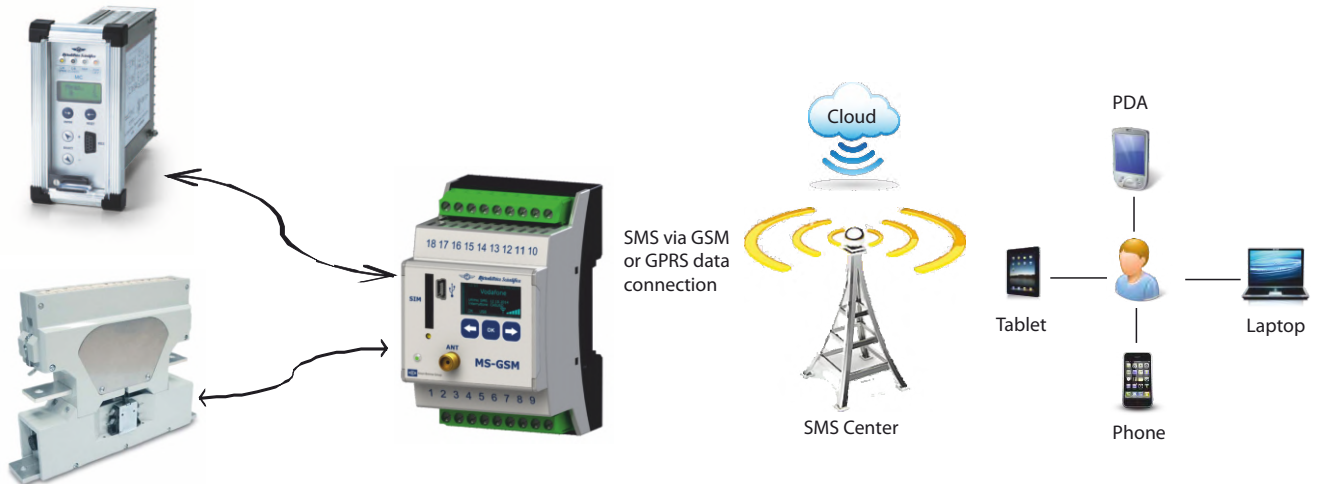
- CE/FCC/GCF/PTCRB/NCC/ANATEL/IC/ICASA/UCRF/RCM



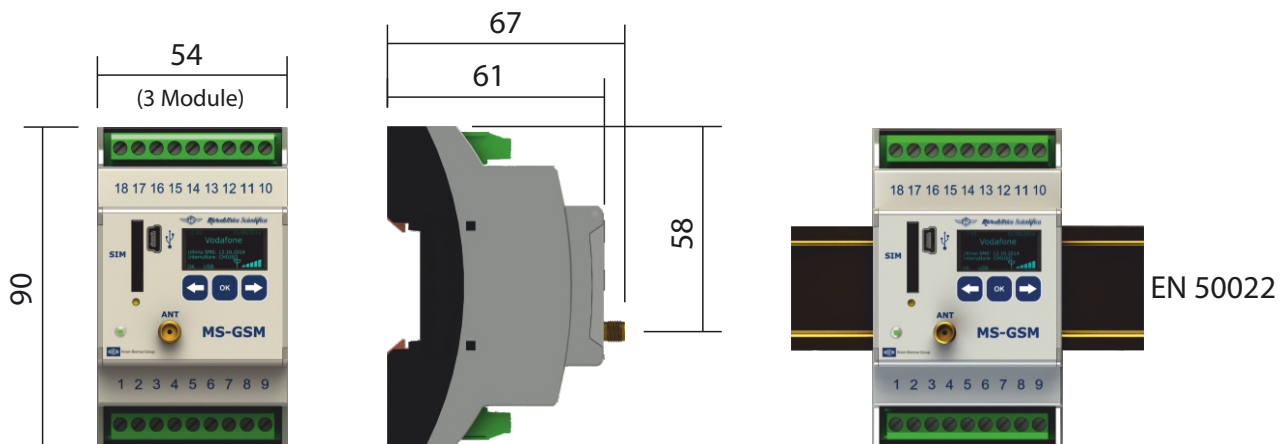
Protection Relays

MS-GSM

The module can collect data from field by using MODBUS communication (from intelligent devices) or by digital inputs. Data are made available through an SMS interrogation, or sent to a remote server (Cloud) via GPRS data connection.



Overall Dimension (mm)



MICROENER

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Order code - Example : MS-GSM-2

MS-GSM	2
Power Supply	
1	= 24V(-20%) / 110V(+15%) c.a. - 24V(-20%) / 125V(+20%) c.c.
2	= 80V(-20%) / 220V(+15%) c.a. - 90V(-20%) / 250V(+20%) c.c.

The performances and the characteristics reported in this document are not binding and can modified at any moment without notice



KNORR-BREMSE



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