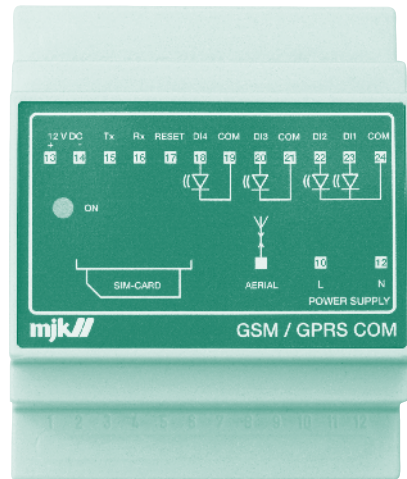


## GSM and GPRS Modems

### General



GSM and GPRS modems are designed for communication on the public GSM and GPRS networks. MJK GSM and GPRS modems are especially suited for Scada systems, since they can transmit both SMS messages and reports to the Scada system for recording in alarm / operation log. The GSM COM modem is for transmission on the GSM network, and the GPRS COM modem is designed for the new GPRS standard. GPRS is considered to be the most important progress within mobile Internet. GPRS is a packet switched technology meaning that the user only occupy the line when there is data traffic and therefore are charged only for the amount of data transfer and not on a time basis like the GSM. GPRS is a so-called "always online" technology.

### Features

- The latest microprocessor based units for transmission of alarm signals and information to cell phones and / or Scada systems
- Available for GSM and GPRS
- Versions with analogue or digital input are also available so the modem can be used for recording of storm flow or for alarm from water borings.
- Can be programmed from a PC with MJK Link or from an SMS message. (Depends on software version).
- Software for programming is included. (Depending on software version).
- All units are for DIN rail mounting.
- Power supply to the measuring signal.

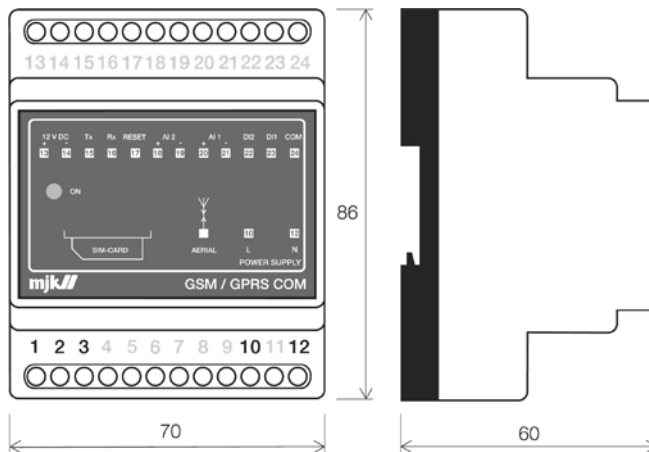
### Functions

- GSM and GPRS modem for DIN rail mounting can be supplied for:
- Alarm transmission as SMS messages.
  - Direct transmission of signals to the Scada system.
  - Transmission and communication to and from a Pump Controller 704 or Data Transmitter 795 to a Scada system.

### Specifikations

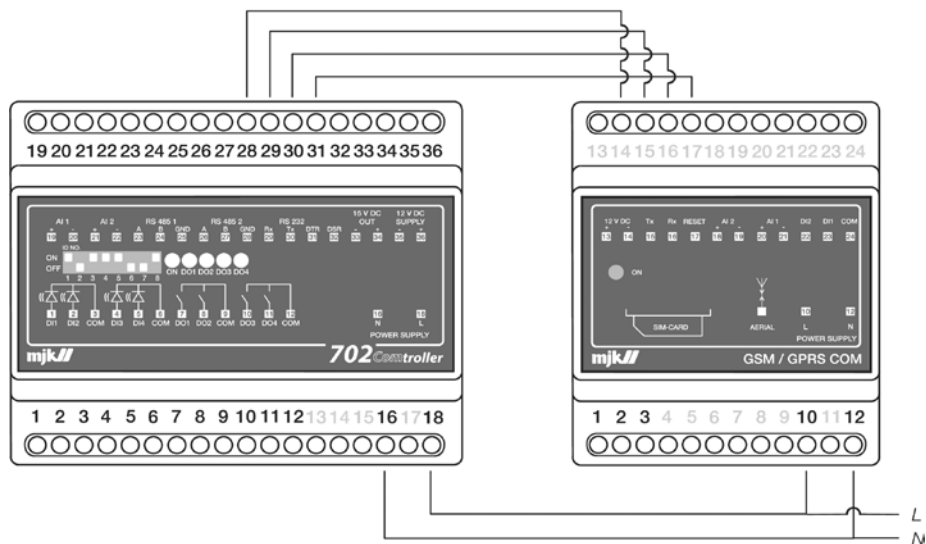
<i>Type and order number</i>			
GSM:	205111	205121	205123
GPRS:	205112	205122	205124
Inputs, serial:	RS 232	RS 232	RS 232
digital:		2 DI	4 DI
analogue:		2 AI	
Forsyning:	230 / 115 V AC or 12 V DC		
Temperature:	- 20 ... + 60 °C		
Accuracy:	1%		
Enclosure:	IP 22		
Mounting:	DIN rail		

Dimensions



Electrical connections

ComTroller 702 connected to GSM / GPRS modem



ComTroller 702

GSM / GPRS modem

Order numbers

**GSM**

205111	Data communications GSM modem for DIN rail, RS 232
205121	Data communications GSM modem for DIN rail, RS 232, 2 DI / 2 AI
205123	Data communications GSM modem for DIN rail, RS 232, 4 DI

**GPRS**

205112	Data communications GPRS modem for DIN rail, RS 232
205122	Data communications GPRS modem for DIN rail, RS 232, 2 DI / 2 AI
205124	Data communications GPRS modem for DIN rail, RS 232, 4 DI

**Back up battery**

200145	Charger for accumulator
200146	Charger for accumulator with battery monitoring
550240	Accumulator, 12 V / 2 Ah
550241	Accumulator, 12 V / 6,5 Ah
550242	Accumulator, 12 V / 12 Ah

Modems for Data Transmitter 795



Order numbers

*Modems for Data Transmitter 795*

205105	Complete GSM modem for 795
205106	Complete GSM modem for 795



Aerials

Order numbers

*0-db dual band 900/1800 mHz for GSM and GPRS*

Order no.	Description
205115	Aerial, vandal proof for GSM, with 2 m cable for 795
205116	Aerial, vandal proof for GSM, with 2 m cable for 795, MMCX plug for modem
205117	Aerial for GSM, 0dB with 15 m cable for 795
205118	Aerial, pole for GSM with 15 m cable for modem
205119	Aerial, pole for GSM with 6 m cable for modem
205120	Aerial, pole for GSM with 6 m cable for 795

*Cables can be delivered in other lengths on request.*



*Inside thread (1" ISO 228)*

*GSM/GPRS aerial for pole mounting*



*Vandal proof GSM/GPRS aerial for cabinet mounting*