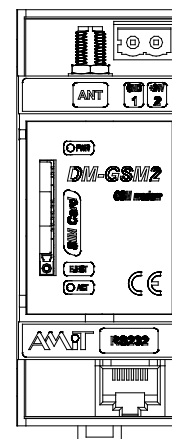


# DM-GSM2

GSM modem

- GSM bands 850 MHz, 900 MHz, 1800 MHz and 1900 MHz
- Connection possibility to arbitrary control system
- Connector SMA for external antenna
- RS232 interface with transmission speed 0.3 kbps to 115 kbps
- LED indication of power supply and modem state
- Mounting on DIN rail 35 mm
- Power supply 24 V DC



## TECHNICAL DATA

GSM bands	850 MHz, 900 MHz, 1800 MHz, 1900 MHz
Modem type	TELIT GL865-DUAL V3
Antenna	Connection through connector SMA Antenna is not a part of modem
Communication interfaces	RS232
Transmission speed	0.3 kbps to 115 kbps
Galvanic isolation	No
Overvoltage protection	Yes (transil 600 W)
Power supply	10 V DC to 30 V DC
Maximum power consumption	Max. 150 mA at 24 V DC
Power supply overvoltage protection	Yes (transil 600 W)
Ingress protection rate	IP20
Mounting	On DIN rail 35 mm
Operating temperature	0 °C to 50 °C
Maximum ambient humidity	< 95 % non-condensing
Dimensions (w × h × d)	(36 × 91 × 73) mm
Weight	84 g

Note: SIM card is not a part of modem

## DM-GSM2 FACTORY SETTINGS

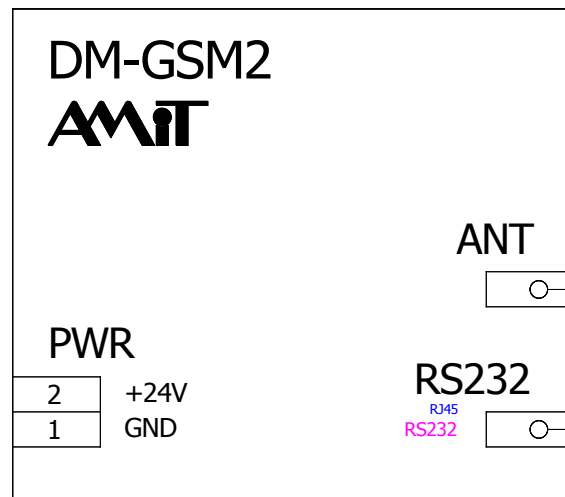
Communication	19200, 8, N, 1
SMS mode	PDU
Automatic call pickup	switched-off

Note: Set for direct use with AMiT control systems, library MODEM

## ORDERING INFORMATION

<b>DM-GSM2</b>	GSM modem
<b>KABEL 232RMP</b>	PC – modem cable (D-sub DE-9/RJ45), 2 m
<b>KABEL 232RMS</b>	Control system – modem cable (D-sub DE-9/RJ45), 2 m
<b>KABEL 232RR</b>	Control system – modem cable (RJ45/RJ45), 2 m
<b>KABEL 232RRA</b>	Control system – modem cable (RJ45/RJ45), 0.5 m
<b>GSM-ANT-M5S</b>	Magnetic antenna, 5 dB, cable 3 m, SMA
<b>GSM-ANT-L2S</b>	Self-adhesive antenna, 2.5 dB, cable 3 m, SMA

## RECOMMENDED DRAWING SYMBOL



### CONNECTORS DESCRIPTION

Connector	Description
PWR	Power supply
ANT	Antenna (Z = 50 Ω)
RS232	RS232 interface

### TERMINALS DESCRIPTION

Connector	Terminal	Signal	Signal description
PWR	1	GND	Power supply, GND
	2	+24V	Power supply, +24 V

### MECHANICAL DIMENSIONS

