

16489.2 GSM-TMM-12VDC/24VUC



Auto Send SMS Module, 10...30V dc, 24V ac. The module sends an SMS after power is connected. The telephone numbers are fully configurable using your Windows PC via a USB port. The GSM-TMM is therefore ideal as fault detector.

RAL: 9005

Business data

Article number	<u>16489.2</u>
Article name	GSM-TMM-12VDC/24VUC
GTIN (EAN)	4044211236373
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	119 g
Weight per piece (including packaging)	156 g
Unit of weight	G
Customs number	85176990
Country of origin	NL
Product description	Controller module
Colour	Black

Technical data

Dimensions

Length	106 mm
Width	54 mm
Height	39 mm

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	6 mm
Torque	0.5 Nm

GSM data

SIM card	Nano SIM
2G	Quad-band GSM bands: 850, 900, 1800 and 1900 MHz
Antenna GSM	50 ohm, SMA plug
4G	LTE CAT-M: B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26/B27

Materials

Working temperature, min.	-30 °C
Working temperature, max.	70 °C
Relative humidity, max.	80 (non-condensing) %

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Technical data

Further technical data

Power supply	10-30 VDC / 24 VAC -
Current consumption	12V-170mA; 24V-85mA; 24VAC ~210mA mA
Protection class	IP20
Storage temperature, min.	-30 °C
Storage temperature, max.	70 °C
Mounting	Direct mount
Electromagnetic properties	Directive 2014/30/EC in compliance with EN 55011 and EN 61326-1
Frequency spectrum	RED 2014/53/EC in compliance with ETSI EN 301-511 V9.0.2 Hz

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

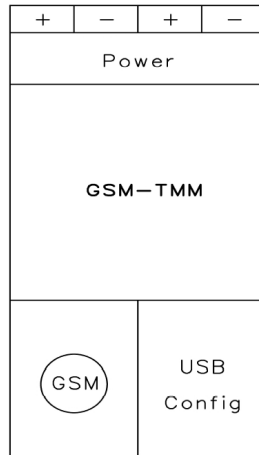
Standards and regulations

Standards / specifications

Low-Voltage Directive (LVD) 2014/35/EC, in compliance with EN 50178. EMC Directive 2014/30/EC, in compliance with EN 61326-1

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Media



Accessories

Antennas



GSM omni-directional antenna with SMA round connector (4G compatible)

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16450.2</u>	GSM-ANTENNA-4G	4044211222475	1 ST



GSM UMTS LTE antenna with omni-directional characteristic, SMA round plug, Connecting cable length: 3 m

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16451.2</u>	GSM-ANTENNA-EXTERNAL-4G-3M	4044211222482	1 ST



GSM-Antenna, 4G, Cable length: 30cm

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16512.2</u>	GSM-ANTENNA-4G-STRIP-30CM	4044211236380	1 ST

Connection cables



USB 2.0 connection cable [1 USB 2.0 plug A - 1 USB 2.0 plug Micro-B] Cable length: 1.5 m, gold-plated plug contacts, colour: black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16382.2</u>	GSM-USB-MICRO-cable	4044211207823	1 ST