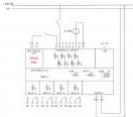


16099.2
GSM-PRO
GSM-PRO



Compact reporting system for mobile networks, for monitoring analogue and digital values ☐☐and remotely switching relay outputs. Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC

Business data

Product description	Controller module
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	221
Weight per piece (including packaging)	263
Unit of weight	G
Customs number	85176990
Country of origin	EEC

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Technical Data

Dimensions

Length	88 mm
Width	95 mm
Height	67 mm

Connection data

Connection principle	Screw connection
Number of outputs	4
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	2.5 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Stripping length	6 mm
Torque	0.4 Nm

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Technical Data

Input data

Number of channels	8
Input signal U/I, max.	30 V/-
Input resistance U/I	46K / - Ohm
Resolution U (0 ... 10 Vdc)	20mV / $\pm(20\text{mV}+0,3\%)$
Pulse length, min.	500 ms
Threshold digital inputs	Low < 3, High > 6V

Output data

Switching voltage / switching voltage max.	250 / 250 VAC
Continuous current max. / Inrush current max.	5 / 5 A
Contact material	AgNi 90/10
Switching capacity, max.	1200 VA
Switching frequency, max.	6/min kHz
Electrical lifespan (AC1)	1,5x10 ⁶
Mechanical lifespan	15x10 ⁶
Relay contact	1CO

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Technical Data

GSM data

SIM card	Standard SIM
2G	Quad-band GSM bands
Antenna GSM	50 ohm, SMA plug

Materials

Working temperature, min.	-20 °C
Working temperature, max.	60 °C
Relative humidity, max.	80 (non-condensing) %

Further technical data

Power supply	10-30 VDC
Current consumption	275 @ 24 VDC mA
Protection class	IP20
Storage temperature, min.	-20 °C
Storage temperature, max.	70 °C
Mounting	Mounting rail TS35 / direct mount
Backup power	Internal maintenance-free supercap capacitor
Electromagnetic properties	Directive 2014/30/EC in compliance with EN 55011 and EN 61326-1

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Technical Data

Further technical data

Frequency spectrum	R&TTE 1999/5/EC according requirements ETSI EN 301-511 V9.0.2 Hz
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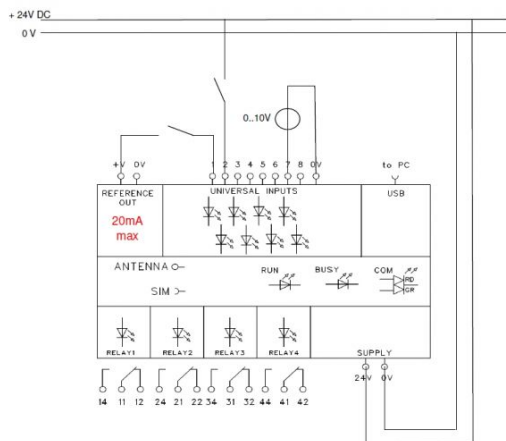
Approvals

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



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Accessories

Antennen



GSM omni-directional antenna with SMA round connector

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
16101.2	GSM-ANTENNA	4044211151577	1 PC



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
16061.2	GSM-ANTENNA-EXTERNAL-SMA-3M	4044211145972	1 PC

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Accessories

Antennen



GSM UMTS antenna with omni-directional characteristic, SMA round plug, Connecting cable length: 5 m

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
16172.2	GSM-ANTENNA-EXTERNAL-SMA-5M	4044211187002	1 PC



GSM UMTS antenna with omni-directional characteristic, SMA round plug, Connecting cable length: 10 m

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
16173.2	GSM-ANTENNA-EXTERNAL-SMA-10M	4044211187019	1 PC

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GSM-PRO

Accessories

Anschlusskabel



USB 2.0 connection cable [1 USB 2.0 plug A - 1 USB 2.0 plug Mini-B angled 90°] Cable length: 1.8 m, gold-plated plug contacts, colour: black

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
16103.2	GSM-USB-Cable	4044211151584	1 PC
