



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

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

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

Further technical data

Number of channels	8
Input signal U/I, max.	30 V/-
Input resistance U/I	46K / - Ohm
Resolution U (0 ... 10 Vdc)	20mV / ±(20mV+0,3%)
Pulse length, min.	500 ms
Threshold digital inputs	Low < 3, High > 6V
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
Frequency spectrum	R&TTE 1999/5/EC according to requirements ETSI EN 301-511 V9.0.2 Hz

Technical data

Output data

Switching voltage / switching voltage max.	250 / 250 VAC
Continuous current max. / Inrush current max.	5 / 5 A
Switching capacity, max.	1200 VA
Switching frequency, max.	6/min kHz
Electrical lifespan (AC1)	1,5x10 ⁷
Mechanical lifespan	15x10 ⁶
Relay contact	1CO

Materials

Contact material	AgNi 90/10
Working temperature, min.	-20 °C
Working temperature, max.	60 °C
Relative humidity, max.	80 (non-condensing) %

GSM data

SIM card	Standard SIM
2G	Quad-band GSM bands: 850, 900, 1800 and 1900 MHz
Antenna GSM	50 ohm, SMA plug

Environmental Product Compliance

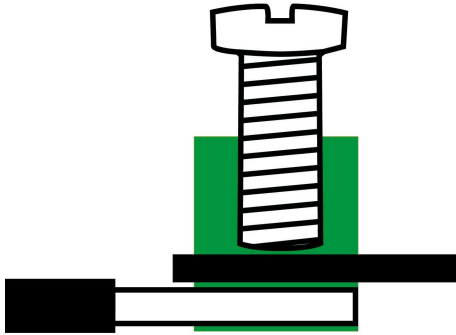
REACH Conform	yes
REACH Reference date	2021-01-09
REACH Candidate Substance Note	No
RoHS Conform	yes

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

16099.2 GSM-PRO

Antennas



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

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
16061.2	GSM-ANTENNA-EXTERNAL-SMA-3M	4044211145972	500 ST



GSM omni-directional antenna with SMA round connector

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet.
16101.2	GSM-ANTENNA	4044211151577	500 ST



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

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16172.2	GSM-ANTENNA-EXTERNAL-SMA-5m	4044211187002	500 ST

16099.2 GSM-PRO

Antennas



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

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16173.2	GSM-ANTENNA-EXTERNAL-SMA-10M	4044211187019	500 ST

Connection cables



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

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Product number:	detail.dataSheet.productName	GTIN (EAN)	detail.dataSheet
16103.2	GSM-USB-Cable	4044211151584	500 ST