



Automatización Eléctrica
Especialistas en Automatización

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Product overview

Mobile phone network					
	SMS relay	Modem	Industrial mobile phone router		
System	I/O	GPRS RS-232	GPRS/EDGE Ethernet	UMTS/HSPA Ethernet	UMTS/HSPA/CDMA Ethernet
Description	GSM/SMS relays, 6 analog/digital inputs, 4 digital outputs	Quadband modem, for GPRS and GSM	Industrial mobile phone router, for GPRS/EDGE	Industrial mobile phone router, for UMTS/HSPA with GPRS/EDGE fallback	MGUARD security router
Page	421	423	423	423	425

Public network			
	DSL broadband router		Analog modem
System	ADSL Annex A, B Ethernet	ADSL Annex A, B Ethernet/RS-232	V.34 (analog) Ethernet/RS-232
Description	DSL broadband router/modem, with firewall	DSL broadband router/modem, with firewall, VPN, and serial device server	Analog modem, for dial-up line/permanent line operation
Page	427	427	428

Private network
SHDSL
Ethernet RS-232/RS-422/RS-485 Extender (SHDSL) for in-house cables
431

Accessories					
System	PSI-GSM/UMTS-ANT-OMNI... PSI-GSM/UMTS-QB-ANT	PSI-CAB-GSM/UMTS... CSMA-LAMBDA/4-2.0-BS-SET	PSI-MPI/RS232-PC PSI-MODEM-MPI-SET1	PSI-MODEM-SPLITTER PSI-CA-MODEM-SPLITTER	DT-TELE-RJ45
Description	Multiband antennae for UMTS and quadband GSM	Antenna extension cables and surge protection for UMTS and quadband GSM	Programming adapter and programming set for remote maintenance	Interface converter RS-232 flat-ribbon connecting cable	SHDSL surge protection
Page	432	432	433	433	433

Mobile phone network/
SMS relay modules

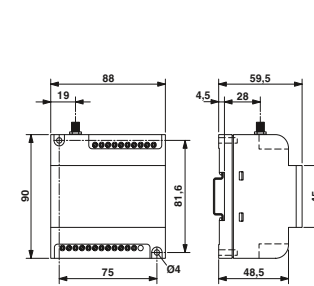
The PSI-MODEM-SMS-REL... is a compact remote control and signaling system. Six digital or configurable analog/digital inputs and four relay outputs with PDT contacts are monitored and controlled using SMS messages via any GSM mobile phone network.

Product features:

- Installation component device as per DIN 43880
- For worldwide use
- Message via SMS in case of status change at the input
- Alarming in case of voltage failure via SMS
- Switching on call
- SMS remote control of the outputs
- Switching of outputs for a predefined time
- SMS status query of all inputs and outputs
- Password protection
- Integrated phone book for up to 50 numbers
- Max. 5 recipients per SMS
- Configuration software and programming cable supplied as standard
- Easy configuration on the PC without programming knowledge

Possible areas of application for the PSI-MODEM-SMS-REL... are:

- Building and system monitoring
- Switching of pumps
- Monitoring of levels and temperatures
- Alarm and domestic engineering
- Climate and ventilation engineering



SMS remote and signaling system with six inputs and four relay outputs

Technical data	
Supply	12 V DC ... 48 V DC 110 V AC ... 240 V AC
Supply voltage	15 mA 10 mA
Nominal current consumption	
Input data	Digital: 6 x U _{in} switching threshold 9.5 V DC Digital: 6 x U _{in} switching threshold 85 V AC Analog: 0 - 10 V Analog: -
Switching input	
Output data	Single contact, 4x1 PDT contact
Contact type	250 V AC/DC
Max. switching voltage	12 V AC/DC
Min. switching voltage	10 A
Limiting continuous current	
GSM	850 MHz (2 W (EGSM)) / 900 MHz (2 W (EGSM)) / 1800 MHz (1 W (EGSM)) / 1900 MHz (1 W (EGSM))
Frequencies	
SIM interface	3 volt SIM card
Antenna connection	50 Ω impedance SMA antenna socket
General data	
Ambient temperature (operation)	-25 °C ... 55 °C
Electromagnetic compatibility	Conformance with R&TTE directive 1999/5/EC
Dimensions	88 mm / 90 mm / 60 mm

Ordering data			
Description	Voltage U _N	Type	Order No.
SMS relay with six analog or digital configurable inputs and four relay outputs	12 V DC ... 48 V DC	PSI-MODEM-SMS-REL/6ADI/4DO/DC	2313520
SMS relay with six digital inputs and four relay outputs	110 V AC ... 240 V AC	PSI-MODEM-SMS-REL/6 DI/4DO/AC	2313513

Accessories			
Description	System	Order No.	Pcs. / Pkt.
Multi-band antenna for UMTS and quad band GSM, with omnidirectional characteristic, 2 m antenna cable with SMA round connector, degree of protection: IP65, dimensions: 76 x 20 mm	PSI-GSM/UMTS-QB-ANT	2313371	1
Multiband antenna for external panel and external mast mounting for UMTS and quad-band GSM, with omnidirectional characteristics, 5 m antenna cable with SMA round connector	PSI-GSM/UMTS-ANT-OMNI-2-5	2900982	1
Antenna extension cable for UMTS and quad-band GSM, 5 m long, antenna cable with SMA connector and SMA coupling	PSI-CAB-GSM/UMTS-5M	2900980	1
Antenna extension cable for UMTS and quad-band GSM, 10 m long, antenna cable with SMA connector and SMA coupling	PSI-CAB-GSM/UMTS-10M	2900981	1
Surge protection for UMTS and quad-band GSM antenna, with SMA connector and SMA coupling	CSMA-LAMBDA/4-2.0-BS-SET	2800491	1
Connection cable, D-9-SUB to USB, with adapter D-9-SUB to D-25-SUB	CM-KBL-RS232/USB	2881078	1

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- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
SMS remote control and signaling system for mounting on EN DIN rails. Installation built-in device as per DIN 43880. 6 digital inputs and 4 relay outputs. Supply voltage 240 V AC. Scope of supply: SMS relay, antenna, software, RS-232 cable.	2313513	PSI-MODEM-SMS-REL/6 DI/4DO/AC	Buy on EAN
SMS remote control and signaling system for mounting on EN DIN rail. Installation built-in device as per DIN 43880. 6 analog or digital configurable inputs and 4 relay outputs. Supply voltage 24 V DC. Scope of supply: SMS relay, antenna, software, RS-232	2313520	PSI-MODEM-SMS-REL/6ADI/4DO/DC	Buy on EAN
GSM/UMTS omnidirectional antenna, 2 dBi gain, 5 m antenna cable with SMA circular connector	2900982	PSI-GSM/UMTS-ANT-OMNI-2-5	Buy on EAN