



REX 100 Ethernet router

REX 100 3G, 4 x LAN (switch)/1 x 3G modem (UMTS)

- Integrated firewall
- Digital inputs for establishing a connection and issuing alarms
- USB-over-IP
- Space-saving compact size
- Integrated 4-port LAN switch
- Secure OpenVPN remote maintenance access via myREX24 V2 portal
- Supports all of the usual mobile communications standards and is downwards-compatible where network coverage isn't present
- with integrated 3G modem (UMTS)

The REX 100 routers are systematically designed to operate in conjunction with the myREX24 V2 portal: All programming and remote maintenance is carried out exclusively through the portal. With the digital inputs, alarms can be sent via the myREX24 V2 portal as SMS and e-mail. The USB host port present in all devices enables the connection of USB devices (e.g. programming port of a drive) via the remote maintenance tunnel (USB-over-IP).

The REX 100 3G is equipped with a 3G modem (UMTS) with which the connection to the myREX 24 V2 portal is established. Additional Ethernet participants can be connected at the router via the integrated 4-port switch. For data transmission, our industrial router uses an encrypted VPN tunnel on the basis of the secure OpenVPN protocol.

Technical specifications

General information	
Order number	700-875-UMT01
Article name	REX 100 3G, 4 x LAN (switch)/1 x 3G modem (UMTS)
Scope of delivery	REX 100 3G, Quick Start Guide
Dimensions (DxWxH)	32 x 59 x 76 mm
Weight	Approx. 130 g
Number of inputs type	2 24 V (DC), as per DIN EN 61131-2 Type 2
GSM modem	
GSM-Modem	Quad-band GPRS/EDGE data interface
Antenna terminal	SMA socket (exterior thread)
SIM card type	Standard SIM, 1.8 V/3 V
GSM frequency bands	GSM/GPRS/EDGE: 850, 900, 1800, 1900
UMTS frequency bands	UMTS/HSPA: 800/850, 900, AWS 1700, 1900, 2100 class 1
Transmit power	Class 1, E2, 3, 4
Data transmission rate	HSPA+ (upload: 5.76 Mbps download: 21.0 Mbps)
LAN interface	
Number	4
Type	10 Base-T/100 Base-T
Connection	RJ45 socket
Transmission rate	10/100 Mbps

USB interface	
Protocol	USB 2.0 host
Connection	USB A socket
Status indicator	4 LEDs, function status 8 LEDs, Ethernet status
Voltage supply	24 V DC, 18–30 V DC
Current draw	Max. 200 mA with DC 24 V
Ambient conditions	
Ambient temperature	-40 °C ... +75 °C
Transport and storage temperature	-40 °C ... +85 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Certifications	CE, UL
CE	
RoHS	Yes
REACH	Yes
UL	
UL	UL 61010-1/ UL 61010-2-201
Voltage supply	DC 24 V (18 ... 30 V DC, SELV and limited energy circuit)
Pollution degree	2
Altitude	Up to 2,000 m
Temperature cable rating	87 °C