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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Protocol converter - RESYGATE 3000 - 2400129

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Protocol converter for up to 4000 PV (process variables) for converting serial communication to Ethernet-based communication for modernizing or combining networks.

Product Description


Resygate 3000 is a protocol converter for up to 4000 PV (process variables). It converts serial and/or TCP-based remote control protocols into standard IEC 60870-5-104 and IEC 60870-5-101 Balanced protocols. Resygate functions as a universal protocol converter with network-capable process connection. In addition, it can be used as a protocol converter or substation for network-isolated connections between control systems.

Why buy this product

- Protocol converter for 4000 process variables
- 3 serial interfaces
- Converts the protocols IEC 60870-5-104, IEC 60870-5-101, Modbus/RTU, Modbus/TCP to IEC 60870-5-104 or IEC 60870-5-101
- Connection of stations via GSM or UMTS
- Connect up to 18 serial terminal devices (depending on protocol)
- Configure local stations easily using pre-installed software with automatic plausibility check
- Use IP address ranges more effectively by forming sub-networks
- Fail-safe thanks to four-fold software redundancy (one converter, four different control systems)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 956215
GTIN	4046356956215

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Display

Display	without display
Screen resolution	for without

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Technical data

Display

Backlighting	without
Touch technology	without

Computer data

Processor	Intel® Celeron® N2930 1.83 GHz/2.16 GHz
Cooling	passive
Operating systems	Linux
RAM	2 GB DDR3 SODIMM
Mass storage	4 GB CFast® card
Network	2x Ethernet (10/100/1000 Mbps), RJ45
Interfaces	1x COM (RS-232/422/485)
	2x COM (RS-232)
	3x USB 2.0
	1x USB 3.0
Monitor output	2x DisplayPort
Slots	without slots
Supported remote control protocols	IEC 60870-5-101 Balanced Mode
	IEC 60870-5-101 Unbalanced Mode
	IEC 60870-5-104 Client
	IEC 60870-5-104 Server, max. 4 Client
	Modbus RTU Master
	Modbus TCP Master
Optical drive	without drive
Realtime clock	Yes (battery-backed)
Service life of battery	5 years (typical)

General

Mounting type	DIN rail mounting
Weight	1.4 kg

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	15g, 11 ms in accordance with IEC 60068-2-27

Device supply

Power consumption	typical
Power supply unit	24 V DC ±20 %

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Technical data

Standards and Regulations

Shock	15g, 11 ms in accordance with IEC 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>