

GEMOS interface controller 230 WIN

GEMOS hardware



GEMOS interface controller 230 WIN is a device suitable for 19" racks.

The GEMOS interface controller 230 WIN (GIC-230-W) is used as interface server for GEMOS adv. PSIM.

The application-specific interface drivers for communication between GEMOS server and the connected sub-systems are installed on the GEMOS interface controller.

The connection to the GEMOS server is made via TCP/IP and to the subsystems via TCP/IP or via serial.

Two teaming-capable Ethernet ports located on the rear of the device enable redundant network connection with increased availability.

An additional Ethernet connection is used for comfortable configuration via web interface or access to the remote desktop of the GEMOS interface controller.

Designed as 19" built-in unit. Delivery including industrial SSD and Windows operating system.

Features

- 2 Ethernet ports, teaming or individually configurable
- 1 Ethernet port (front) serving as service port or as connection for IP-based subsystems
- easy configuration of the interfaces by plug-in modules (GEMOS micro module), which determine the interface type (all electrically separated)
- 4 connections RS-232 interfaces, electrically separated
- optional conversion to GEMOS universal bus, RS422/RS-485, electrically separated
- Configuration via web interface
- LED display showing the status of the receive and transmit lines of the serial interfaces
- Installation of a 2.5" SATA hard disk possible (optional)
- also available as GEMOS interface controller 24 WIN (20015) with the possibility of redundant external power supply



Technical specifications

Product	GEMOS interface controller 230 WIN
Power supply	180 to 260 V AC via mains socket
Power consumption	maximum up to approx. 55 W, maximum power supply unit load 75 W
Connections	2 Ethernet ports 10/100/1000 Base-T, capable of teaming via RJ45 sockets 1 Ethernet port 10/100/1000 Base-T via RJ45 connector (front) 4 RS-232 interfaces, electrically separated, via pluggable screw terminals 4 USB 2.0 type A sockets 1 DVI 1 display port 1 PS2 mouse connector 1 PS2 keyboard connector 1 protective conductor (PE) via threaded bolt M4 x 12
Dimensions W x H x D	438 mm x 44.4 mm x 330 mm, 19" metal housing 1 U
Weight	5.3 kg
Operating temperature range, moisture range	10 to 40 °C, 10 to 90 % non-condensing humidity
Storage temperature range, moisture range	0 to 50 °C, 10 to 90 % non-condensing humidity
Ingress Protection Code	IP20
Warnings	Observe the warnings in the manual. Commissioning only by trained personnel. Disconnect the power supply before opening the device. Operate indoors only.
Disposal	To be treated as electronic waste according to WEEE
Article number	20017
Order number / article number SAP	ELA-G-20017 / B-55352-00-1-7
EAN	4015540962936

* Windows is a registered brand name of Microsoft.

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