

EY-WS500F005
moduWeb500 BACnet web server

Areas of application:

The moduWeb500 BACnet web server is the hardware platform for the moduWeb Vision software.

moduWeb Vision enables several automation devices to be operated in one BACnet network using a standard web browser, and forwards alarms by either e-mail or text message.

Fitted on a top-hat rail (EN 60715) in either a cabinet or an IT rack.

Choice of power supply: either low voltage (24 V AC) via screw terminals or 10 - 35 V DC using a plug-in power unit.

Performance features:

- Communication with the connected automation stations and field devices via open communication protocol BACnet/IP based on Ethernet according to EN ISO 16484-5.
- Operating status indicated by LED in three colours
- Memory can be extended up to 32 GB using an SD-HC card. To protect against theft, the card is not visible from the outside and not accessible.
- USB connection for external storage media.
- Network protected by integrated firewall.
- moduWeb Vision is installed, updated, engineered and put into service using SAUTER CASE Suite.
- Additional parameterisation is possible via the web interface.
- Pulsed watchdog output (open collector) for switching to external monitoring devices.
- Interruptions to the power supply of less than 20 ms are bridged without restarting or loss of data.
- In the event of a power failure, the internal clock is run on a back-up battery. There is no load on the back-up battery as long as there is a power supply.
- The application data and parameterisation are stored permanently in the flash memory.

Technical data:

- Electrical supply:
 - Power supply via screw terminals
 - 24 V AC/DC
 - +/- 20%,
 - 50 - 60 Hz
 - Power supply at circular socket 5.5 mm
 - 10 - 35 V DC
 - Power consumption up to 6.5 VA / 5.5 W
 - Back-up battery CR2032
- Interfaces and communication:

EY-modulo 5 Tender Specification

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Ethernet network	1x RJ-45 socket 10/100 BASE-T(X) 10/100 Mbit/s
USB host controller	USB 2.0, A-type socket
SD card slot	SD-HC to 32 GB
Watchdog	pulse approx. 5 Hz max. 10 mA max. 15 V
- Permissible ambient conditions:	
Operating temperature	0...45 °C
Storage and transport temperature	-25...+70 °C
Humidity	5...85% rh (without condensation)
- Installation:	
Top-hat rail in cabinet	
Compact unit in plastic housing	
Dimensions, W x H x D (mm)	133 x 170 x 61
- Standards and directives:	
Protection type	IP 20 (EN 60529)
Protection class	III (EN 60730-1)
Environmental class	IEC 60721 3K3
Low Voltage directive	2014/35/EC EN 60730-1, EN 60950-1
CE conformity	
according to EMC Directive 2014/30/EC,	61000-1, 61000-2, 61000-3, 61000-4
Software class A	EN 60730-1 Appendix H