



OEC Gateway with IP Access



The OEC GATEWAY with SNMP V3 can connect all OEC PDU's in your datacenter / server room by RS485 or by the AP bus circuit / daisy chain system. The user-friendly embedded IP Web interface ensures full control over the system. OEC can also provide OEC Manager software for controlling multiple PDU installations, and by providing a MIB file OEC data can be read and used by third party management packages as well.

RS 485 (standard) / AP Bus protocol

RS485 is the most versatile communication standard in the standard series defined by the EIA. The AP bus is a very simple yet elegant serial (2 wire) bus using the 'Manchester protocol'. Wiring of both RS485 and AP bus is done with normal CAT5/6 cables.

SNMP V3

SNMP V3 provides important security features;

- Confidentiality - Encryption of packets to prevent snooping by an unauthorized source.
- Integrity - Message integrity to ensure that a packet has not been tampered with in transit including an optional packet replay protection mechanism.
- Authentication to verify that the message is from a valid source.

USB

This USB connection can be used for updating the Gateway software and logging activities.



Technical Specifications

- 1x Ethernet, 1x USB and 10x RJ45 connectors
- Voltage: 230V + 10% - 15% (50-60Hz)
- Humidity: 10-80%
- Temperature: 0-40 °C
- Housing Ip20
- Flammability rating: Vo
- RS 485 protocol (recommendation: cable length max 500m, max 256 PDU's)
- AP Bus protocol
- Dimensions BLACKBOX: 59mm x 59mm x 440mm (19" rack PDU)
- Data storage in indelible memory
- Green! Low energy consumption <0,75Watt/hr



The OEC communication module gives IP access to the connected PDU. The user-friendly embedded IP Web interface ensures full control over the PDU locally or remotely. Single PDUs or groups of PDUs can be managed by an OEC Gateway. The COM-Module can also be managed by OEC Manager software or by third party packages.

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USB

This USB connection can be used for different external sensors and can also be used for updating the COM-module software and logging activities.

Technical Specifications

- 1x Ethernet, 1x USB and 2x RJ45 connectors
 - Voltage: 230V + 10% - 15% (50-60Hz)
 - Humidity: 10-80%
 - Temperature: 0-40 °C
 - Housing Ip20
 - Flammability rating: V0
 - RS 485 / AP bus protocol
 - Dimensions COM-module: 50mm x 100mm
 - Data storage in indelible memory
 - Green! Low energy consumption <0,75Watt/hr
- Norms and standards
- EN61010-1: Safety requirements for electrical equipment for measurement, control, and laboratory use
 - EN 61000-6-2: Immunity for industrial environments

