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Технические характеристики на аксессуары и расширения бренда AEG Power Solutions

ACCESSORIES

Extensions and accessories for data center

Switches, panels, distribution bars

Expansion cards

Building/environmental management



Distribution bars for professional data centers

The distribution bar enables you to distribute the UPS outputs among several loads. Different versions support the load connection via Schuko or non-heating sockets (IEC 320 C13 & C19). Depending on the connection type, the ports are protected against overload – centrally or in pairs. This ensures an extremely effective fulfillment of selected criteria in accordance with specific shutdown conditions.

LEDs display the current operating status of the distribution bar.

With the pluggable fastening brackets, the distribution bars are flexibly installed in default rack systems. The fastening brackets can be removed for on-table operation and therefore enable flexible use. Thanks to the robust aluminum housing, the PDU distribution bars are torsion-resistant and extremely durable.

Part numbers

- IEC Distribution Bar: 600 000 9254
- PDU 10-1: 600 000 6829
- PDU 10-2: 600 000 6831
- PDU 16-1: 600 000 6830
- PDU 16-2: 600 000 6832

Remote Panel remote monitoring unit for professional data center management

The remote signal table displays the UPS operating status in real time at a remote monitoring site. In addition, a bar display informs about the current UPS capacity utilization and/or in the emergency power operating mode about the remaining available capacity.

An acoustic alarm, which can be deactivated, completes the optical display. The remote monitoring unit can be installed at a distance of up to 500 m from the UPS being monitored. Data transmission and voltage supply of the remote signal panel are ensured with a conventional patch cable. The Remote Panel is available for Protect C (from 6 kVA), Protect D and Protect 1.

Part number

- Remote Panel: 600 000 5881



IEC Distribution Bar



Sub-distributions

Manual Bypass Switch, Power Distribution Box

Manual Bypass Switch unit for maintenance works and tests

The external manual bypass switch for the series Protect A, B PRO, C, D and 1 is used to disconnect the UPS for maintenance work allowing uninterrupted, continuous feed of the connected loads.

Besides the sheer bypass operation, the manual bypass switch also enables a UPS test run. Non-heat device sockets in the output of the smaller devices enable direct feeding of the loads. Space for a separate, complete sub-distributor is provided by MBS 24000.

The external manual bypass unit supports three operating modes:

1. UPS mode
The loads are fed through the UPS.
2. Service mode
The loads are directly fed by the power supply system. A UPS test can be run at the same time.
3. Bypass operation
The loads are directly fed by the power supply system. The connected UPS is completely separated from the circuit and can be removed for maintenance and replacement works.

Part numbers

- MBS 2000: 600 000 3039
- MBS 3000: 600 000 3040
- MBS 10000: 600 000 7684
- MBS 24000: 100 000 2021



MBS 2000/3000



MBS 10000



MBS 24000

Power Distribution Box, parallel switch panel, manual bypass and distributor panel

The compact parallel switch panel enables the development of a parallel system without modifying the existing low voltage distribution system. Through the output distribution with up to 24 separately protected and pre-configured circuits, which can be partially integrated in the parallel switch panel, modification of the sub-distribution circuit is no longer required.

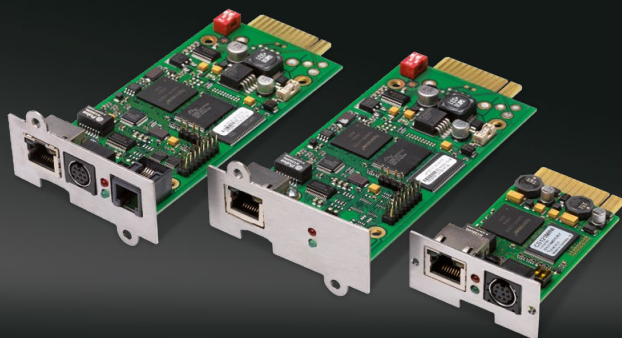
The panel enables parallel switching of the devices to increase power and/or to achieve redundancy. Each UPS device can be disconnected from the power supply system and also from the safe bar facing the output without interrupting the voltage supply of the loads. With the integrated manual bypass switch, the complete UPS parallel system can be disconnected, e.g. for maintenance works. In this case, the loads are fed without interruption.

Part numbers

- PDB Protect D: 600 001 2436



Power Distribution Box



SNMP (PRO/mini) card



Environment Manager

SNMP (PRO/mini) Card, Environment Manager

SNMP (PRO/mini) card Network-based UPS management

SNMP adapters are communication extensions for the UPS series starting from Protect B PRO. All versions support monitoring of UPS devices via the web.

If needed, a phased shutdown of all relevant servers in the network is possible. Via Wake-up-on-LAN, the servers can be re-activated. This enables an automated shutdown and reboot of the system. The UPS can also be configured and monitored by network management software with the integrated SNMP agent according to RFC1628.

The PRO and mini version of the SNMP adapter further enables the integration of features such as area access control, air condition or smoke and/or fire detectors.

In addition, temperature and humidity can be measured and administered by means of optical sensors.

The SNMP PRO adapter enables, among other features, the connection of an intelligent load management distributor.

Part numbers

- SNMP adapter: 600 000 4036
- SNMP-PRO adapter: 600 000 1271
- SNMP-mini adapter: 600 000 8668
- Digital temperature sensor: 800 002 0878
- Digital combi sensor for temperature and humidity: 800 002 2493
- External relay board: 800 002 5994
- Load management distributor: 800 000 6684

Environment Manager Management unit for several environmental sensors

The Environment Manager is designed as a system extension for the SNMP- PRO and SNMP-mini adapter. It is a universally applicable device for the administration of sensors. A total of 8 analog sensor units, 4 digital inputs and 4 digital outputs can be managed. Each type of sensor unit can be connected, e.g. for temperature, humidity, pressure, tank level, chemical concentration or similar features. The incoming signal voltages only need to be within the specified parameter range: 0 – 10 V for analog inputs, 30 V 500 mA for digital in- and outputs. The digital inputs can, under normal circumstances, be configured optionally as N/O or N/C contacts.

Part numbers

- Environment Manager: 800 002 2488

Building Management, Relay Card



Building management



Relay card

Building management sensors for environmental data

With monitoring sensors for environmental data, you can upgrade the UPS management to a complete building management system for your data center. All devices are compact and equipped with a 5 m RJ12 connection cable.

Temperature sensor

Measurement range: 0°C – +100°C, ±1%

Combi sensor

Measurement range:
Temperature: 0°C – +100°C, ±1%
Relative humidity: 0 – 100 %, ±5 %

Motion sensor

Coverage: 14m x 14m, 90°

Smoke sensor

Smoke detector with photocell

Acoustic alarm

Signaling through Piezo buzzer, approx. 85 dB(A)

Optical alarm

Signaling through stroboscope light

Part numbers

- Temperature sensor: 800 002 2489
- Combi sensor for temperature and humidity: 800 002 2492
- Motion sensor: 800 002 2494
- Smoke sensor: 800 002 2495
- Piezo alarm: 600 000 7361
- Stroboscope alarm: 600 000 7362

Relay card

Communication through potential-free contacts

The relay card is an option for the UPS series starting from Protect B PRO. It provides potential-free contacts at the outputs, which can be configured optionally as N/O or N/C contacts and which can be used as binary input for the SPS or building control systems.

Tapping occurs via a sub-D-slot and, in case of the programmable PRO design, via a clamping block designed for supply voltage potential.

Part numbers

- Relay card mini: 600 000 9252
- Relay card standard: 600 000 3932
- Relay card PRO: 600 000 9253

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