

Ease of use

PDB for Protect C. and 1. series UPS units

Parallel switch panel, manual bypass unit and distribution panel for Protect C.6000/C.10000 and Protect 1.100/1.150/1.200 UPS units

With the compact parallel switch panel, users can set up a parallel system comprising up to three Protect C.6000 / C.10000 or up to three Protect 1.100 / 1.150 or 1.200 units without needing to restructure an existing low-voltage main distribution system. Combining up to 24 separately protected, ready-made circuits in an output distribution unit built into a parallel switch panel, the PDB box eliminates the need to set up or reorganize a sub-distribution system.

Offering active redundancy and designed for use with the Protect C. range of single-phase UPS units (up to 30 kVA or 20 kVA) and the Protect 1. range of three-phase-input UPS units (up to 60 kVA or 40 kVA), the switch panel allows users to connect devices in parallel for enhanced performance and single or multiple redundancy. Each UPS unit can be disconnected – from the mains supply on the input side and from the protected busbar – without interrupting the supply of power to connected loads. In addition, the manual bypass can disconnect the entire parallel UPS system – for maintenance, for example – without cutting power to attached devices. A remote signaling contact indicates the current operating status.



Fig.: PDB-Box for Protect C.

Key features:

- Robust metal enclosure with swing door, wall mount ready
- Generous wiring space, large wiring terminals
- High-quality all-pole cam switch with overlapping contacts, plus floating auxiliary changeover contact for additional position indication
- Prepared for integration of connection-ready sub-distribution system (up to 24 circuits protected individually to 63 A max. by power-protection switches, additional output terminals for directly supplying an external sub-distribution system)
- Practical labeling, including space for user-specific additions
- Detailed documentation, including installation diagram and wiring diagram



PDB box for Protect C. and 1. series UPS units: Technical data

For Protect C. series	PDB_C
Compatible UPS types	Protect C. 6000 / C.10000
Nominal input voltage/frequency	230Vac, 50/60 Hz
Nominal current	130 A
Enclosure color	Blackline
Dimensions (H x W x D)	600 mm x 600 mm x 350 mm
Weight	45 kg
AEG part number	100 000 1852

For Protect 1. series	PDB_1
Compatible UPS types	Protect 1.100 / 1.150 / 1.200
Nominal input voltage/frequency	400/230Vac, 50/60 Hz
Nominal current	250 A
Enclosure color	Blackline
Dimensions (H x W x D)	760 mm x 760 mm x 300 mm
Weight	70 kg
AEG part number	100 000 1853

AEG is a registered trademark used under license from AB Electrolux • Specifications are subject to change without notice • 03/2009

AEG Power Solutions GmbH
Emil-Siepmann-Str. 32
59581 Warstein-Belecke
Germany
Tel.: +49 2902 763 168
Fax: +49 2902 763 169
www.aegpartnernet.com

PERFECT IN FORM AND FUNCTION

AEG