

ADDRESS ASSIGNMENT FOR A MODULAR POWER DISTRIBUTION UNIT**ABSTRACT**

The invention relates to a secondary module (10) for a PDU, comprising:

- a set of electrical sockets (141, 142, 143) connected to an internal connection
- 5 socket (15) for the supply of electrical power; - at least one interface (12, 13) for transmitting data with another module in the PDU; - management means (11) for individually managing the electrical sockets by means of messages exchanged with a base module of the PDU that identify a given electrical socket by a unique address; - wherein, in response to an invitation signal received from a first interface
- 10 (12), the management means are adapted to transmit an address request message over the first interface specifying the number of electrical sockets, and to store the one or more addresses in response to a plurality of address assignment messages.

[Fig. 1]