

**Key Features**

The system monitors each output circuit individually and with the use of address modules - each luminaire. The system allows any configuration of mode both of the circuit and the luminaire. Using the driver one can programme the mode of the address module without interfering into the luminaire and without any specialized service software. The SD card slot used in the system allows to perform a backup of the system and to save the periodic test results, event log and system configuration, in accordance with EN 50172. The event log can be printed out of the SD card on any PC without any additional software. Besides, all the settings are stored in non-volatile memory and will not be lost even during the complete power supply and battery failure. The charger module ensures battery charging based on UI characteristics with temperature compensation according to EN 50171. The charger is equipped with internal active PFC module which provides a power factor close to 1. Linear modules have separate protection for AC and DC mode, significantly increasing the safety level while switching on emergency lighting in the building. In DC mode the system works in IT network layout (isolated system).

**CBS**

- LCD display with easy-to-use menu
- Automatic test performing
- Automatic detection and adding luminaires to the system
- Monitoring of each luminaire
- Monitoring of each circuit
- Programming and configuration of the luminaires directly from the central unit
- Communication with luminaires through the power cable
- SMART technology - any mode of operation of the luminaire (SMART technology - more information)
- The linear modules are secured for the AC and DC mode separately
- SD card slot and card itself allow to save the periodic test results, event log and system configuration, in accordance with EN 50172
- Possibility to record the back-up of the system on the SD card
- Night mode operation
- Possibility to control luminaires and functions of the system through the 24V and 230V internal and external connectors
- Possibility to monitor power in the distribution boards and in the separate lighting circuits
- Possibility to use sub-modules in standard version and HUB version
- USB slot
- RJ45 connector for direct communication with any computer via Ethernet
- Preview of the system via any web browser
- Battery pack with a life of 10 years
- Works with any BMS (Building Management System) by using the potential-free contacts
- Management and visualization of the system by using dedicated software

**LPS**

- + SD card slot and card itself allow to save the periodic test results, event log and system configuration
- + Supply of the fixtures of total capacity 1500W for time 1h or 500W for 3h



CENTRAL BATTERY SYSTEM CBS

The CBS central battery system is reliable and easy-to-operate central battery system constructed in accordance with the requirements of VDE 0108 as well as EN 50171 and EN 50172 standards. Due to the possibility of using sub-modules it is dedicated to medium and large buildings and was designed in SMART technology.

CENTRAL BATTERY SYSTEM LPS

Its functions are equivalent to the functions of CBS system, however, due to its small size and limited power the system is suitable for installation in smaller buildings or buildings that require diversification of source of supply of emergency fittings (as a group system). With four sensor inputs installed in the steering module it is possible to control fire zones through the use of sensors decay phases (CFZ), which control power supply to the switch board of power supply zone. In addition, the system can be expanded by ELS-230 modules, with nine voltage control inputs. Linear modules have separate protection for AC and DC mode.