

# EMEX Power Central Power System Emergency Lighting

A Central Power Supply system (CPS) is essentially a set of batteries at a central location. In the event of a mains failure, the batteries are used to provide reliable power for emergency lighting purposes.

Power from the CPS is distributed to emergency luminaires and exit signs, or slave mains luminaires. Distribution cables need to be fire protected, according to local regulations.

**Mains circuit monitoring**  
Via holdoff/changeover relays

**Emergency power source**  
Batteries within the Central Power System

**Emergency testing**  
Manual testing via key-switches

-  EMEX Central Power System
-  Distribution Board
-  Hold-off/Changeover Relay
-  Slave Emergency Luminaire
-  Slave Exit Sign
-  Mains Luminaire

