

CL-24V Conventional central battery control panel

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outside
2. Do not mount near gas or electric heaters. Equipment should be mounted in locations and heights where it will not readily be subjected to tampering by unauthorized personnel.
3. The use of accessory equipment and replacement parts not recommended by the manufacturer may cause an unsafe condition.
4. Do not use this equipment for anything other than its intended purpose.
5. The AC voltage rating for this equipment is specified on the product label. Do not connect equipment to any other voltage.

SAVE THESE INSTRUCTIONS

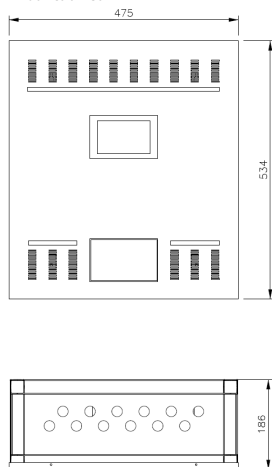
Specifications

Type: Conventional 24V central battery control panel
Standalone panel, easy setup without programming software
Variations: 1 hour backup, 3 hour backup
Circuit programming: Maintained, non-maintained, timer staircase modes
Output: 6 line output with 3A load
Total load: 18A, 10A for maintained lights
Battery: 2 or 4 pcs 45Ah
Built-in webserver and email sending function
Mounting: Sidewall
Warranty: 2-year replacement warranty
Housing color and material: White plastic, grey metal
5" touch screen for checking system information with last 2000 events
TCP / IP network communication
3 inputs for sub-db monitoring, 1 input to active staircase timer function
4 pcs pre-configured fault relays
Protection class: Class I
Dimensions: 534x475x186, 754x475x186
Cable connection: Max. 2.5mm² cross-section solid or sleeved twisted wire
Mains voltage: AC 120-240V 50/60Hz
Max. input current: 2A
Output voltage: 24-32V
Constant nominal ambient temperature range: Ta 25°C
Certificates: CE

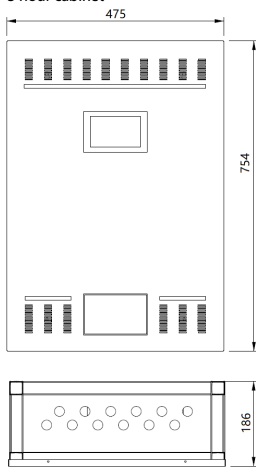


Dimensions

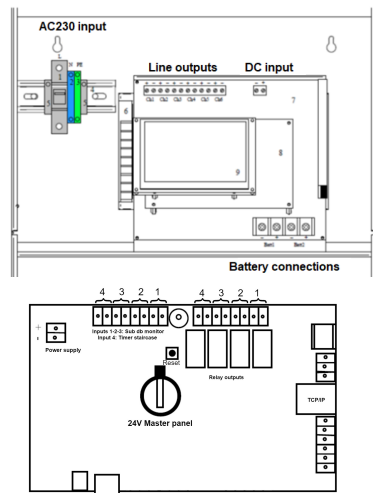
1 hour cabinet



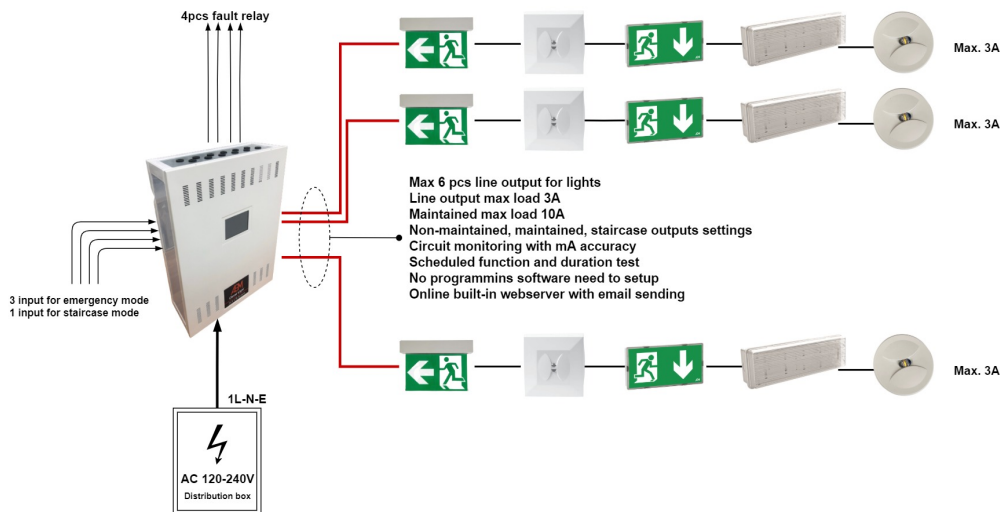
3 hour cabinet



Control panel connections



System topology



The Clever Light 24V central battery conventional emergency lighting system have a supervised internal battery charging.

The control panel supply, control and measure the load of the circuits. The circuits can be programmed for maintained, non-maintained or timer staircase modes. The control panel can automatically test the circuits and it can control the 4 pre-programmed relay with different events. In emergency situation the control panel can turn on all circuits by 4 different inputs. The built-in webserver option helps to check the panel's status online, and email sending configuration is setup from there.

CAUTION!

The device works from mains supply. The mounting should be happened only with the supplied retainers. Important! Ensure that the battery is connected to the luminaire before connect the luminaire to the mains supply. In case of maintenance ensure that the device is disconnected from the power. The producer will not take the responsibility for the damages caused by improper usage. All serving should be performed by qualified service personnel. The installation of this Emergency system shall be performed by an authorized personnel who is qualified to perform the installation in accordance with ANSI/NFPA 101, "Life Safety Code," Article 700 of ANSI/NFPA 70, the NEC "National Electrical Code," the Federal, State & local municipal requirements and or any other requirements as applicable and as warranted.