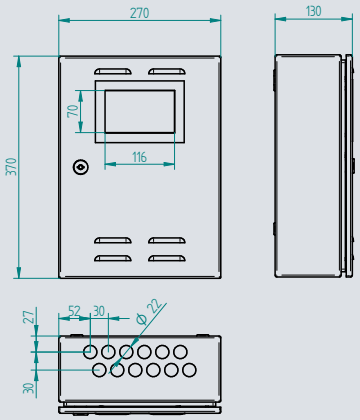
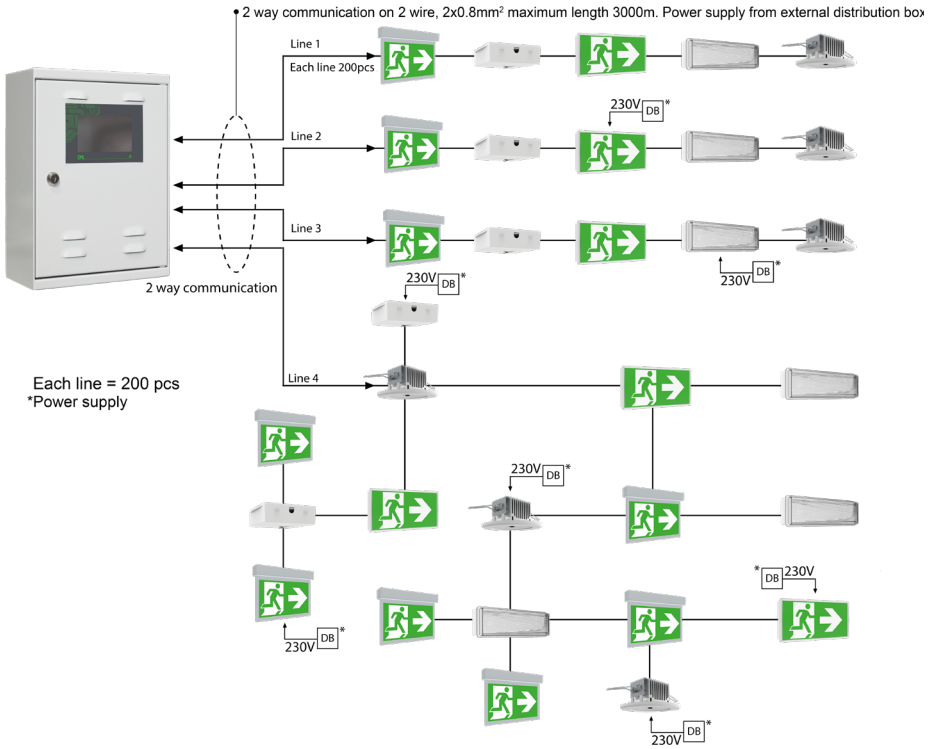
EML-800

Control panel

Details

Type	Addressable control panel for self-contained battery lights
Dimensions	331 mm x 241 m x 113mm
Housing color and material	White plastic, grey metal
Mounting	Sidewall
Light addressing	Automatic, based on factory unique identification number
Output	EML800/1 - max. 200 devices EML800/2 - max. 400 devices EML800/3 - max. 600 devices EML800/4 - max. 800 devices
Communication	2 way communication on 2 wire, 2 x 0.8mm² maximum length 3000 m
Mains voltage	0,12A/230V
Communication signal voltage	DC 24V
Constant nominal ambient temperature range	0°C<Ta<25°C
Protection	Class I
Certificates	
Warranty	5 year

Schematic



Addressable control panel for self-contained battery lights, designed for use in advanced building lighting systems. The EML800 series supports automatic light addressing based on factory-set unique IDs and communication over a 2-wire line, with models supporting up to 800 devices. Communication is 2-way on 2 x 0.8 mm² cable, with a maximum cable length of 3000 m. Power is supplied from an external distribution box. Equipped with EML commissioning, graphic or end-user software, and a 5" touch screen for accessing the last 2000 system events. Includes TCP/IP communication for up to 254 panels, support for 32 phase monitor modules, and four configurable fault relays. Features sidewall mounting, white plastic and grey metal housing, 5-year repair warranty, and operates at AC 120 to 240 V, 50/60 Hz, within 0°C to 25°C.