Functions & Benefits

The CGLine+ system is a powerful system to make the operation of self-contained luminaire systems safe and convenient. The new CGLine+ Web-Controller can visualise a total of 800 CGLine+ luminaires. Maintaining an overview is important if there are a large number of luminaires. Luminaires of each line can be allocated to up to 8 zones (up to 16 zones in case of installing only two lines). The zones can be areas where the luminaires need to be brought together, for example on a floor, in an area or in a room.

Safety under control worldwide

An integrated web server is available for convenient visualization, control and monitoring of all connected CGLine+ luminaires. The controller can be accessed from any PC with an IP connection and a regular web browser without requiring any special software.

Automatic e-mail notification in case of faults

The integrated e-mail service automatically sends e-mails to up to ten recipients in case of allocatable events, for example in case of critical status. The aim of this function is to actively notify without delay those persons responsible for building safety about any faults, even if they have no direct connection with the controller at that point in time.

Tests are not forgotten, and are carried out at the right intervals for maximum safety

The timing and the intervals of regular function and duration tests can be conveniently and precisely set down to the minute, ensuring that the equipment is ready for operation at any time during the operating hours of the building. All test results are stored in the electronic log book for at least four years, in compliance with standards.

CGLine+ Bus

The communication of all data and commands takes place using the CGLine+ bus installed in a free topology. This data line can go together with the power supply wire through a single cable. Of course the CGLine+ monitoring system is in line with the actual emergency lighting standards.

Please ask for the dedicated CGLine+ brochure for detailed information about all features provided by the CGLine+ system.
Easy planning & commissioning
The AE CGLine+ system can combine standard CGLine+ luminaires and luminaires with Increased affordance functionality or a flexible solution with a changeable display like the Matrix CGLine+. Thus, there is only one system for standard emergency lighting and adaptive evacuation which means less installation effort, less complexity for planning and commissioning.

High range back-up
The system has an internal power back-up for the controller in order to be able to react to the trigger in even though the mains supply might be broken.
The back-up supply is sized to keep the controller working for at least 3h with the maximum possible 800 luminaires connected to the 4 lines.
The function of the back-up is monitored and failure information will be submitted to the Controller if it needs maintenance.

Long life system and low operating cost
The battery and charging technology of the back-up power supply ensures a long life time of the system. The electronics are designed for lowest losses, resulting in low operating cost. The battery can be easily replaced in order to keep the system ready in the shortest time.

Use any trigger you need
These dry contacts allows to connect the Eaton AE to any trigger (Fire, CCTV, etc) regardless the manufacturer. These kind of contacts are commonly used and are an easy and safe way of communication without the need of special protocols or gateways.

AE CGLine+ System configuration:

More information regarding planning, installation and commissioning will be made available soon.