CGLine+ self-contained luminaire system

CGLine+ Web Compact Controller 400
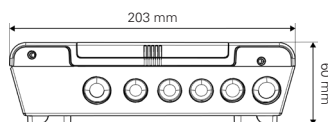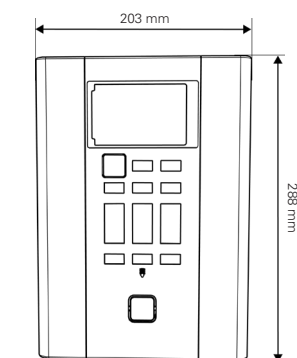
CGLine+ Web Compact Controller 400 with integrated web server

CGLine+ Web Compact Controller 400

- For connecting up to 400 luminaires in 2 lines
- HMI with TFT LCD screen 320*480 and keypad
- T9 predictive text for friendly usage of the keypad
- LED status for Emergency Lighting installation
- The integrated web server enables there to be convenient visualization, control and monitoring
- Up to 9 additional Web Compact Controllers managed within the same web server connection
- Unique ID per luminaires assigned by the manufacturer
- Automatic luminaire search function requiring no manual addressing
- Simple sorting using unrestricted short address assignment
- Unrestricted entry of target location names for the luminaires with up to 20 characters
- Clearly-shown allocation of luminaires to 4 zones of 50 luminaires per line
- Automatic function test and duration test
- Up to 8 test groups per luminaire can be defined for the function test (FT) and duration test (DT)
- Electronic log book storage for a period of minimum 4 years
- E-mail service for sending automatic e-mail in case of malfunctions to up to 10 e-mail addresses, assignable to 2 escalation groups
- Blocking the emergency lighting function during non-operational periods (all/per bus line/per zone/per luminaire)
- Luminaires in maintained mode switchable (all/per bus line/per zone/per luminaire)
- Password protected access as an administrator or user
- Visualisation of luminaires in up to 30 different building layouts with the web server
- Efficient and convenient analysis of the log book using the CGLine+ PC software
- Compliant with the highest industry cybersecurity requirements
- Maintenance and replacement of luminaire with the local HMI
- Maintenance and replacement of luminaire with the web server interface
- Compatible with the new Increased Affordance (IA) functionality

Dimensional drawings, data in mm

Dimensions	288 x 203 x 60 mm
Housing type	Wall mounted
Screen	3,5 inch TFT LCD screen (320 x 480)
Power supply	230 V AC, 50/60 Hz
Power consumption	< 4W in standby, < 34W at full load
Connection terminals	max. 2.5 mm²
Permissible ambient temperature	0 °C … 35 °C
Storage temperature	0 °C … 35 °C
Degree of protection	IP20
Emergency Lighting system	CGLine+ monitoring and management
Interface	Web server embedded

Ordering details

Type	Scope of supply	Order No.
CGLine+ Web Compact Controller 400	Wall mounted controller with LCD screen and keypad	CTR400CGL2KS

Accessories

Type	Scope of supply	Order No.
CGLine+ PC software	on CD-ROM	40071361178

The CGLine+ Web compact controller 400 is dedicated to optimize the monitoring and the maintenance of medium and large emergency lighting installations. It results in a maximization of the safety, an improvement of maintenance operations and a reduction of the OpEx.
In association with our CGline+ luminaires with 0 spare parts replacement for 10 years, Eaton offers more piece of mind to building owners and users.

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Set-up of the CGLine+ Web Compact Controller 400

1 **Status LED indicator for the EL installation:**
- Green = OK
- Green blinking = at least 1 luminaire is performing a function test or duration test
- Red : Failure / event

2 **TFT LCD screen** with all menu, parameters and alarms

3 **Keypad** for navigation in the menu and set parameters

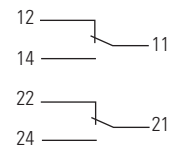**4** **USB-1 host,** for connecting a USB stick with LED indicator

5 **USB2 device,** for connecting to PC with LED indicator

6 **LAN (RJ45),** with LED display
- Green = connected (link)
- Yellow = data transfer (traffic)

7 **Cables entries for :**
- Connection CGLine+ bus line 1-2
- PE/L/N 230V 50/60Hz
- S1/S2 = Block input
- In1, In2 = 2 x digital inputs
- 11, 12, 14, 21, 22, 24 = 2x relay outputs

CGLine+ in operation

CGLine+ Web Compact Controller 400:
With integrated memory for storing the configuration and the log book

Integrated **e-mail function**

IP connection

USB stick:
To conveniently assess the log book on the PC

Line 1
1 2 3 200

Line 2
1 2 3 200

Visualisation of up to 400 luminaires
(2 lines with max. 200 luminaires each)

PC connected to the network:
Access using the integrated web interface

CGLine+ PC software for configuration

Printer: Printing out the log book