# AHD-LCU
# Light Control

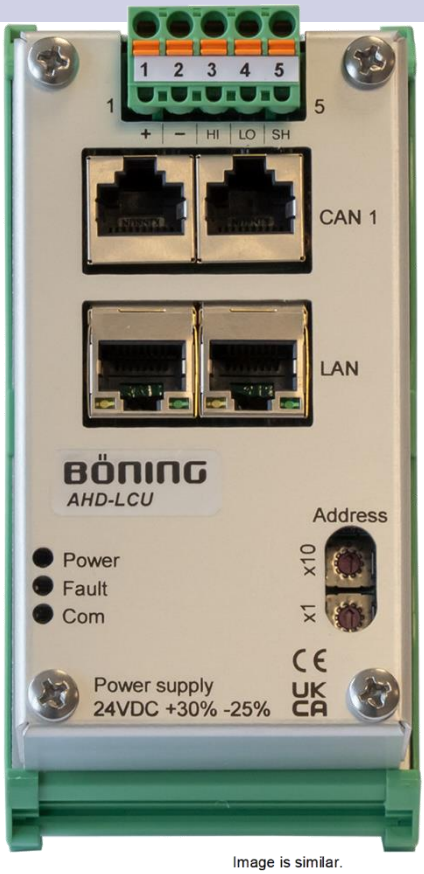

Image is similar.

- ***Control of complex lighting systems***
- ***Lamps switched on and off on displays***
- ***Lighting scenarios adjustable by the user***
- ***Autonomous execution of all functions complements other devices in the system and enhances their performance***

For the control of the complex lighting systems on modern ships Böning has developed the Light Control AHD-LCU.

AHD-LCU is integrated in the bus of the Böning system. Commands entered on for example a panel PC are sent via Ethernet to the AHD-LCU which processes them and forwards them to the control devices of the lighting system, for example an Electronic Circuit Breaker AHD-RB6.

Several lamps, for example those in a cabin, can be grouped in scenarios. On the panel PCs, all lamps of a scenario can be comfortably switched on and off.

On the panel PCs, the user can freely adjust the brightness with which an individual lamp of a scenario is switched on. The original values can be restored at any time.

AHD-LCU's autonomous function developed for the special requirements of lighting control complements the other devices of a Böning system and enhances their performance.

BÖNING
SHIP AUTOMATION

## Dimensions

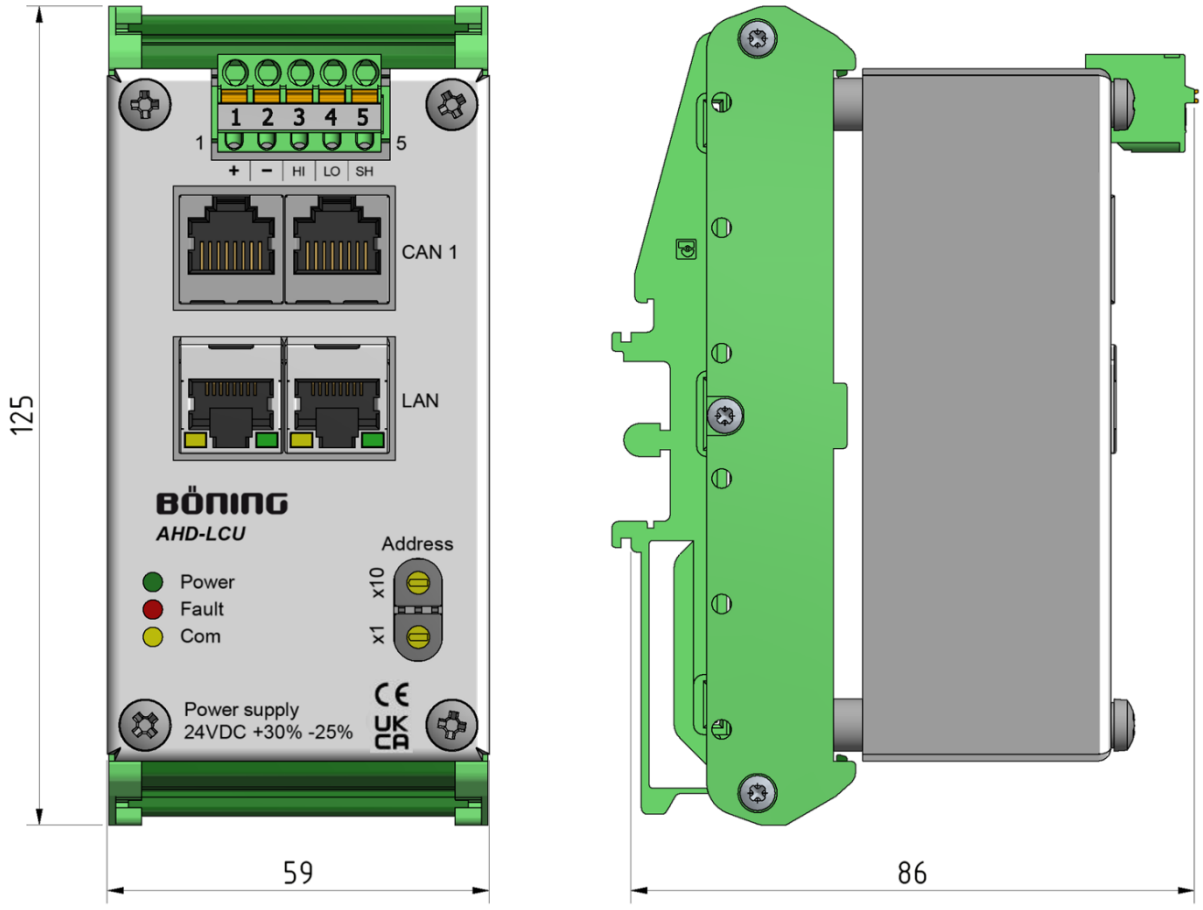


Image is similar.

### Technical Data

| | |
|---|---|
| Dimensions (B x H x D) | 62 mm x 125 mm x 83 mm (Allow additional height of approximately 80 mm for connectors and wiring) |
| Weight | 0.3 kg |
| Ambient temperature | -20°C … +60°C |
| Storage temperature | -30°C … +80°C |
| Protection class | IP 20 (front)<br>IP 20 (rear) |
| Power Supply | 24 V DC (+30% / -25%) |
| Current Consumption | Max. 140 mA (24 V DC) |
| Installation | DIN rail |

| | |
|---|---|
| Interfaces | 1 x CAN: 2 x RJ45 IN/OUT and terminals |
| | 1 x LAN: 2 x RJ45 |
| Approvals | - |
| Item number | 20243V02 |