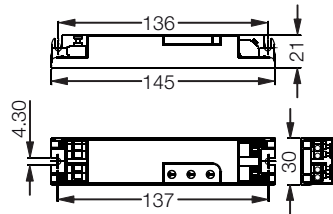


# V-CG-SB Monitoring module with DALI control input

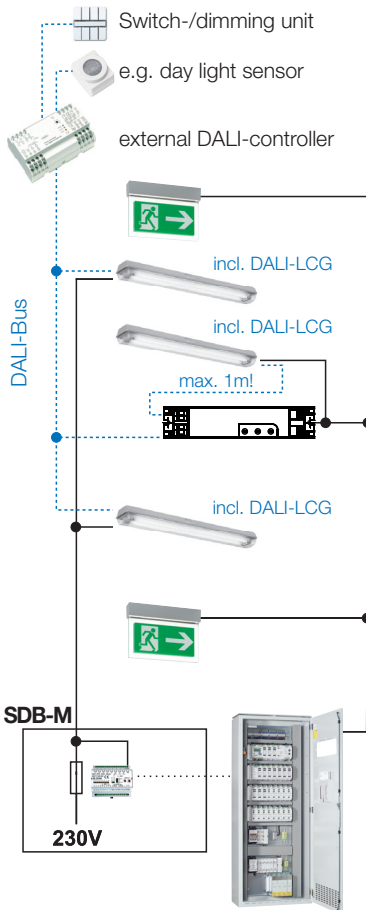


- Low operating costs due to decreased standby losses < 0.5 W.
- Minimized dimensions on the basis of conventional T5 EVG cross section (H x W: 21 x 30 mm) for an eased mounting in narrow luminaires.
- Without protective conductor connection. For the use in luminaires with insulation class I or II.
- Variable mounting possibilities for different mounting positions (horizontal or sidewise upright).
- Avoidance of installation failures due to a mains connection being protected against polarity reversal.
- Universal monitoring module for all single lamp DALI electronic control gears.
- Shortened inspection effort due to the CEWA GUARD Technology.
  - Automatic function monitoring of up to 20 luminaires per circuit.
- Reduced installation costs due to STAR-Technology.
  - Freely programmable mixed operation of the switching modes per luminaire in one circuit.
- Reduced installation expenditures as no additional data line to the luminaires is needed.
- Enlarged ambient temperature range
- Safe galvanic isolation of the bus systems (emergency lighting / mains lighting during emergency operation)
- Adjustable luminous flux relation in DC mode in steps between 10 % and 100 %

Dimensions in mm



Voltage	220 - 240 V, 50/60 Hz / 176 - 275 V DC
Standby power loss	< 0.5 W (230 V / 50 Hz)
Connection	DALI electronic control gear for one single lamp
Maximum distance	1 m (V-CG-SB / DALI ECG)
Type of mounting	to be mounted in luminaires with protection category I or II
Degree of protection	IP 20
Permissible temperature range	ta = -20 °C up to +60 °C
Maximal permissible test point temperature	tc = 65 °C
Connection terminals mains	plug in terminals 2.5 mm <sup>2</sup> / reserve-polarity protected
Connection terminals DALI-BUS	plug in terminals 1.5 mm <sup>2</sup> / reserve-polarity protected
Dimensions in mm ( H x L x W)	21 x 145 x 30
Enclosure material / colour	flame retardant polycarbonate / grey
Weight	0.047 kg
Adjustable luminous flux relation in DC mode	10 % - 100 % (in 10 % steps)



### Ordering details

Scope of supply	Order No.
V-CG-SB	400 71 352 442

### Important notice!

The module is only for use with CEAG-emergency lighting systems with STAR-technology. The electronic ballast must fit for the whole DC voltage range (between 186 V to 275 V). CEAG recommends to ask the supplier of the ballast for an appropriate certification.

The disconnection of the LCGs in case of lamp failure after the switch to emergency mode (DC) must occur within 1.6 seconds.