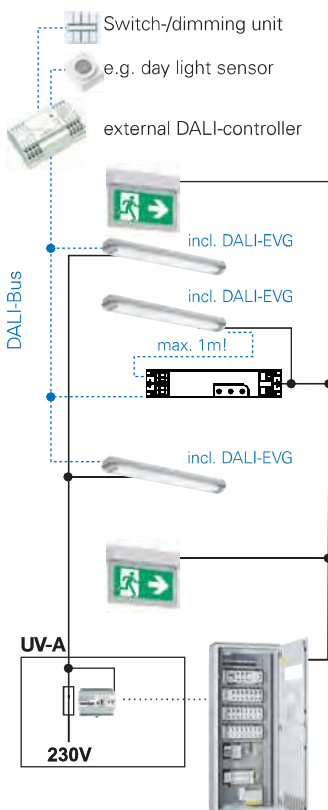
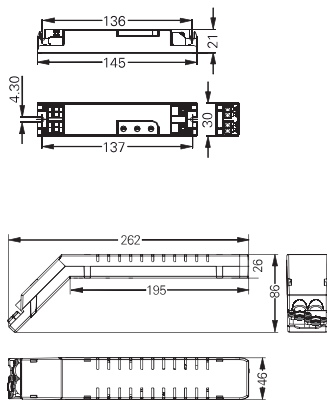




V-CG-SB.1



Dimensions in mm



### V-CG-SB.1

- Low operating costs due to decreased standby losses < 1 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
- 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 and S<sup>+</sup>-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 %

Rated voltage ranges	220- 240 V, 50/60 Hz / 176- 275 V DC
Standby power loss	< 1 W (230 V / 50 Hz)
Connection	DALI electronic control gear for max. one single lamp
Maximum distance	1 m (module- DALI-ECG / LED driver)
Type of mounting	To be mounted in luminaires with protection category I or II
Degree of protection	IP20
Permissible temperature range	ta = -20 °C 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	Without individual packaging	Individual packaging
Order No.	Order No.	Order No.
V-CG-SB.1	40071352008	40071355259
Module housing with strain relief		40071352765

### Attention! The following parameter must be observed.

For the use of DALI control gears make sure that a correct function of the control gear is guaranteed as well in the DC voltage range of 186 V to 275 V. We recommend to obtain a corresponding certificate of the manufacturer.

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

The module may only be used for final circuits with STAR- or STAR<sup>+</sup> technology. The functional earth must be connected without fail.

Please observe our electronic control unit requirements for monitoring third-party luminaires. Currently valid requirements can be viewed at: <http://www.ceag.de/de/produkte/systemleuchten/module-und-vorschaltgeraete>.