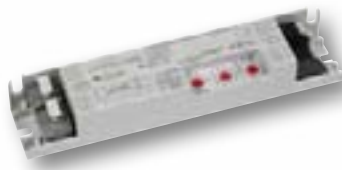


# V-CG-SB Monitoring module with DALI control input

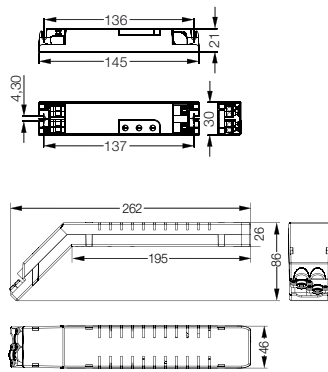


V-CG-SB

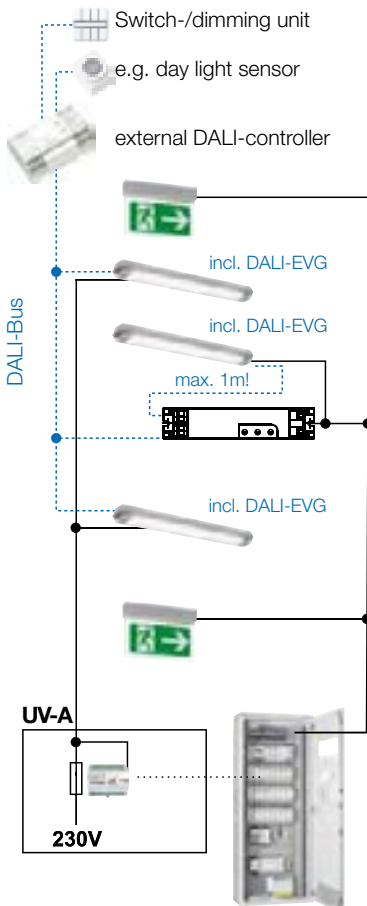


- Low operating costs due to decreased standby losses < 0.5 W
- Minimized dimensions on the basis of conventional T5 EVG cross section (H x W: 21 x 30 mm) for an eased mounting in narrow luminaires
- Without protective conductor connection. For the use in luminaires with insulation class I or II
- Variable 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



Rated voltage ranges	220 - 240 V, 50 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 71 352 412
Module housing with strain relief	400 71 352 765

## 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.