

# V-CG-SUW

Monitoring module with change over unit

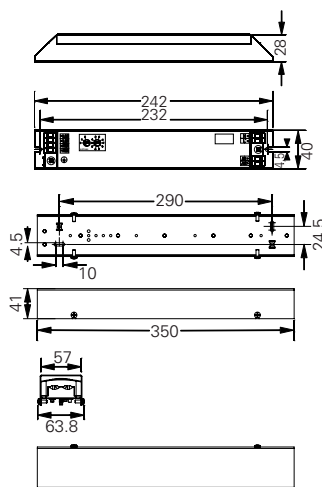


V-CG-SUW



8

Dimensions in mm



## V-CG-SUW

- Avoidance of installation failures due to a mains connection being protected against polarity reversal
- Universal monitoring modules for loads 13 – 400 W
- Shortened inspection effort due to the CEWA GUARD and S+-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
- Integrated change over unit for parallel connection of an external power source

|  |  |
|--|--|
| Rated voltage ranges                       | 220 - 240 V, 50/60 Hz / 176- 275 V DC                              |
| Standby power loss                         | < 0.8 W (230 V / 50 Hz)  |
| Power input                                | 13 W - 400 W   |
| Max. inrush current                        | 80 A/ms  |
| Maximum line length                        | 50 m (module – luminaires)   |
| Type of mounting                           | To be mounted in luminaires with protection category I             |
| Degree of protection                       | IP20   |
| Permissible temperature range              | ta = -20 °C to +60 °C  |
| Maximal permissible test point temperature | tc = 75 °C   |
| Connection terminals                       | Plug-in terminals 2.5 mm <sup>2</sup> / reverse-polarity protected |
| Dimensions in mm (H x L x W)               | 28 x 242 x 40  |
| Housing material / colour                  | Sheet steel / white  |
| Weight                                     | 0.14 kg  |
| Control input                              | 0- 240 V, 50 Hz  |

## Ordering details

| Scope of supply                                | Without individual packaging | Individual packaging |
|--|------------------------------|----------------------|
|  | Order No.                    | Order No.            |
| V-CG-SUW                                       | 40071352413                  | 40071352443          |
| Module housing with strain relief, sheet steel |                              | 40071349514          |

## Function

| L(U) / N(0) | Adress | STAR command         | L' / N      | A1 / A2    |
|-------------|--------|----------------------|-------------|------------|
| 0 V         | 0- 20  | -                    | 0 / 240V AC | wie L' / N |
| 230 V AC    | 0- 20  | -                    | 0 / 240V AC | 230 V AC   |
| 230 V AC    | 1- 20  | AUS / OFF            | 0 / 240V AC | wie L' / N |
| 230 V AC    | 1- 20  | EIN / ON             | 0 / 240V AC | 230 V AC   |
| 230 V AC    | 1- 20  | Notbetrieb/Emergency | 0 / 240V AC | 230 V AC   |
| 220 V DC    | 0- 20  | -                    | 0 / 240V AC | 220 V DC   |

STAR command:

STAR command of the system to a V-CG-SUW with a defined address

## Achtung! Folgende technische Parameter müssen eingehalten werden.

| $I_{OK}$ | $I_{n,OK}^*$ | * If the lamp is faulty the charging rate of the control gear must be smaller than $\hat{I}_{n,OK}^*$ . |
|----------|--------------|---|
| > 47 mA  | < 28 mA      |   |

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

The disconnection of the control gears in case of lamp failure must occur within 1.6 seconds.

The current consumption of the ballast must be sinusoidal for AT-S+-systems.

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>.

