

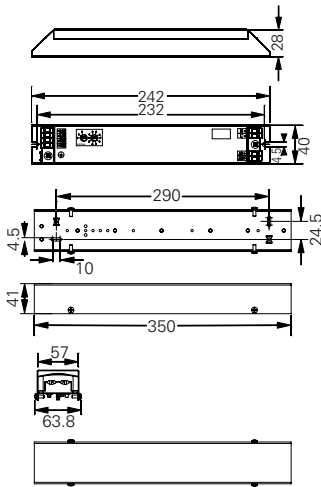
V-CG-SUW

Monitoring module with change over unit



V-CG-SUW

1



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 up to +60 °C
Maximal permissible test point temperature	tc = 75 °C
Connection terminals	Plug-in terminals 2.5 mm ² / 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	Order No.
V-CG-SUW	40071352413
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}	$I_{n,OK}^*$
> 47 mA	< 28 mA
> 16 mA	< 10 mA

* If the lamp is faulty the charging rate of the control gear must be smaller than $\hat{I}_{n,OK}^*$.

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.

