

Manufacturer:	ECG-type: OTi DALI 35/220-240/700	Manufacturer information Complies: YES/NO		
Features:	CEAG data:	Explanation:	· · · · · ·	
Control gear suitable for LDC voltage range:	186V - 260V DC (for Lead-Battery)	Possible voltage range of the battery in emergency mode. (Not for AT-S ⁺ Systems required)	Yes	
Control gear compatible with the witch-over time of the system?	Switch-over time: 180 ms - 450 ms	Typical switch-over time of CEAG systems between mains supply and emergency power supply	Yes	
Starting behavior of the control gear:	Stable current consumption after less than 1.6 sec. maximum.	A stable operation of the control gear after 1.6 seconds of start up is required for the right functionality of the individual monitoring. With max. 20 luminaires for one current circuit: Δ I in sum < 250 mA are allowed	Yes	
only for flourescent lamps: Control gear complies with the standard:	DIN EN 60929	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	Not relevant	
only for flourescent lamps: Control gear complies with the tandard:	DIN EN 61347-2-3 (incl. Attachment J)	Particular requirements for AC and/or DC supplied electronic control gear for fluorescent lamps	Not relevant	
only for LED: Control gear complies with the tandard:	DIN EN 62384	DC. Or AC supplied electronic control gear for LED modules - Performance requirements	Yes	
only for LED: Control gear complies with the standard:	DIN EN 61347-2-13	Lamp controlgear — Part 2-13: Particular requirements for d. c. or a. c. supplied electronic controlgear for LED modules	Yes	
Fullfilled the standard:	DIN EN 55015 (Measurement on AC And DC)	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	Yes	
ullfilled the standard:	DIN EN 61000-3-2	Electromagnetic compatibility (EMC) — Part 3-2: Limits — Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	Yes	
ullfilled the standard:	DIN EN 61547	Equipment for general lighting purposes — EMC immunity requirements	Yes (*2)	
Fullfilled the DALI standards:	DIN EN 62386-101 /-102 / -207*	Control gear must have the DALI Logo*	Yes	
lote: VDE 0108 is not a standard for ECG, mark			Manufacturer	
Features:	CEAG-Data:	Explanation:	information:	
nportant for function test! .ccording to IEC 62386 Part 102 iupport of : IALI command 145 Query Control Gear) IALI command 146 Query Lamp Failure)	According to IEC 62386 Part 102	To detect a lamp failure, the V-CG-SB.1 module send DALI command queries (145/146) to the DALI LED driver. These DALI commands are necessary to ensure the lamp failure detection, and must be support by the control gear.	Yes	
nportant for DC operation: DALI light level	In case of locked DALI light level in DC operation (EOF=Emergency Output Level),	In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux.	Locked	
mportant for lighting design: f DALI-Light level is locked, the value of the preset DC-Lightlevel in %) is required	the V-CG-SB.1 can not change the light level !	Pre-set DC-Light Level e.g. 15% (DALI-value 185 for logarithmic dimming curve)	15% (*1)	
Note: Important for the planning -	Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 120 A SKU 1 x 6A (CG) => 180 A SKU 4 x 1,5A CG-S => 60 A SKU 2 x 3A CG-S => 250 A SKU 1 x 6A CG-S => 250 A SOU CG-S // S ⁺ => 250 A SU S ⁺ => 250 A	120 μs to calculate the maximun		
Lumina		, must be according to the standard DIN EN 60598-2-22		
	15% as preset factory setting. project depending via DALI Magic and T4 Tro C output level via the V-CG-SB.1, the DC dete			
Max. one DALI- Driver w/ one DALI a	ddress to wire with one EL-monitoring mod	lule V-CG-SB.1		
	t substitute a system test and release in a s	enerific installation		

Manufacturer:	Product:		
OSRAM GmbH			
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Table 1

		Nominal current of the control gear with connected illuminant in AC-operation		Nominal current of the control gear with connected illuminant in DC- operation (Default output current in emergency mode = 15%)				
Values for load range			I _N @U _N = 230V [mA trms]	I _N @U _N = 240V [mA trms]	I _N @U _N = 186V [mA trms]	I _N @U _N = 216V [mA trms]	I _N @U _N = 240V [mA trms]	I _N @U _N = 260V [mA trms]
Minimum Load /mA (1 output channel active)	Uout= Iout= P=	15 V 200 mA 3 W	48	48	18	17	16	15
Medium Load /mA (1 output channel active)	Uout= lout= P=	54 V 200 mA 11 W	77	76	25	22	21	20
Maximum Load /mA (1 output channel active)	Uout= Iout= P=	54 V 700 mA 38 W	200	190	48	41	38	35

Remarks:

This table shows the currents consumption of the driver at three different operating points (Pmax, Pmed, Pmin) for AC and DC operation.

In DC operation the output current is reduced to 15% light level according to the default parameter setting. This level can be changed via T4T.

Only one DALI-driver w/ one DALI address to wire with one EL monitoring module.