

SIRAM (method) Marcel-Brouw-Str. 6 Date: 17.08.2022 Control goar available for a De Vottage range. Control goar available for a De Vottage range. Control goar compatible with the selection of the control general properties. The selection of the control general properties of the selection of the control general properties. The selection of the control general properties with the selection of the control general properties. The selection of the control general properties with the selection of the control general properties. The selection of the control general properties with the selection of the control general properties. The selection of the control general properties with the selection of the selecti		god	rs for fluorescent lamps and LED	Version 5	
Features: CEAG defair: Explanation: 1697 - 2697 DC (for Lead-Battery) Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in ownergency mode. Possible voltage range of the battery in owners supply and emergency govern supply. Possible voltage range of the battery in owners supply and emergency govern supply. Possible voltage range of the battery in owners supply and emergency govern supply. Possible voltage range of the battery in owners supply. Possible voltage range of the battery in owners supply. Possible voltage range of the battery in owners supply. Possible voltage range of the battery in owners supply. Possible voltage range of the battery in owners supply. Possible voltage range of the battery in owners supply. Possible voltage range of the possible voltage of the range of the control government of the voltage of the range of the control government of the voltage of the range of the control government of the voltage of the range of the possible voltage of the range of the range of the range of the voltage of the range	Manufacturer: OSRAM GmbH Marcel-Breuer-Str. 6 D-80807 München	ECG-type: OT DALI 35/220240/700 NFC TW L (4062172092968)		information	
a Co-chied gear compasible with the without and without any analysis of the standard of the st	Features:	CEAG data: Explanation:			
Surring behavior of the cystem? 180 ms 4-50 ms minins supply and emergency power supply Stable current consumption stable current consumption after less than 1.6 sec. maximum. A stable postation of the control gear after less than 1.6 sec. maximum. A large postation of the control gear after less than 1.6 sec. maximum. A large postation of the control gear flower flowers after less than 1.6 sec. maximum. A large postation of the control gear flowers of the individual constitution, which were are cut at a maximum of 60°. The control gear must now soft and are allowed control gear complex with the standard: Ontrol gear complies with the standard: DIN EN 69329 AC and/or DC-supplied electronic control gear for tubular fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-3 (incl. Attachment J) DIN EN 61347-2-3 (incl. Attachment J) Performance requirements for AC and/or DC supplied electronic control gear for tubular fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-13 DIN EN 61347-2-13 Lamp controlgear — Part 2-13. Particular requirements for AC and/or DC supplied electronic control gear for fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-13 Lamp controlgear — Part 2-13. Particular requirements for AC and/or DC supplied electronic control gear for fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-13 Lamp controlgear — Part 2-13. Particular requirements for AC and/or DC supplied electronic control gear for fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-13 Lamp controlgear — Part 2-13. Particular requirements for AC and/or DC supplied electronic control gear for fluorescent lamps. Particular requirements for fluorescent lamps. Control gear fluorescent lamps. Particular requirements for fluores		186V - 260V DC (for Lead-Battery)		Yes	
Starting behavior of the control geal after less than 1.4 sec. maximum. All in sum < 250 Ma are allowed Control gear compatible with CEAG STAR-1 celechhology. Phase-cut telegram (PAT): max. 39 phases (half waves) with max. 89 phases-cuts complies with the standard: Control gear complies with the standard: Control gear complies with the standard: DIN EN 69329 DIN EN 69329 AC and/or DC-supplied electronic control gear for tubular stundard: Control gear complies with the standard: DIN EN 69329 DIN EN 69329 AC and/or DC-supplied electronic control gear for tubular stundard: Control gear complies with the standard: DIN EN 69334 DIN EN 69345 DIN EN 69345 DIN EN 69345 DIN EN 69346			1 **	Yes	
max. 30 phases (half waves) with max. 60 phase-cuts phase-cuts of phase-cuts	Starting behavior of the control gear:	<u> </u>	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	
DIN EN 69929 AC and/or DC-supplied electronic control gear for tubular fluorescent lamps. Performance requirements for AC and/or DC supplied electronic control gear for tubular fluorescent lamps. Performance requirements for AC and/or DC supplied electronic control gear complex with the standard: DIN EN 61347-2-3 (incl. Attachment J) DIN EN 61347-2-13 Lamp controlgear for fluorescent lamps. Control gear complies with the standard: DIN EN 61347-2-13 Lamp controlgear — Part 2-13: Particular requirements for AC and DC (co. or a. c. supplied electronic controlgear for LED modules attendand: DIN EN 65015 (Measurement on AC And DC) DIN EN 55015 (Measurement on AC And DC) DIN EN 6536-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the standard: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* Yes Celfified the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* To detect a lamp failure, the V-CG-SB 1 module send DALI Command 148 According to IEC 62386 Part 102 DALI command 145 Court year particular requirements In case of locked DALI light level in DC operation: In case of locked DALI light level in DC operation: In Case of locked DALI light level in DC operation: In Case of locked DALI light level in DC ope		max. 30 phases (half waves) with max. 60°	waves are cut at a maximum of 60°. The control gear must not	Yes	
Control gear complies with the standard: only for LED: Only for Ac. and or LED: Only gear for LED modules - Performance requirements for LED: Only for Le	Control gear complies with the			Not relevant	
DC. Or AC supplied electronic control gear for LED modules - Performance requirements or performance requirements or control gear complies with the standard:	only for flourescent lamps: Control gear complies with the	DIN EN 61347-2-3 (incl. Attachment J)		Not relevant	
Control gear complies with the standard: DIN EN 61347-2-13 Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment Pullfilled the standard: DIN EN 65015 (Measurement on AC And DC) DIN EN 61547 DIN EN 61547 Equipment for general lighting purposes — EMC immunity Yes Fullfilled the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* Yes Note: VDE 0108 is not a standard for ECG, marking is not applicable Features: CEAG-Data: Explanation: To detect a lamp failure, the V-CG-SB.1 module send DALI command 145 (Query Lamp Failure) DALI command 145 (Query Lamp Failure) Important for DC operation: DALI light level In case of locked DALI light level in DC operation (EOF=Emergency Output Level), the V-CG-SB.1 clay is required Note: Important for the planning - Max, no. Of luminares per circuit Note: Important for the planning - Max, no. Of luminares per circuit Note: Important for the contact load SKU: Max, permitted in unsh current per circuit: SKU 2 x 3A CG-S = > 250 A SKU 3 x 3A CG-S = > 250 A SKU 1 x 6A CG-S =	Control gear complies with the	DIN EN 62384		Yes	
Fullfilled the standard: (Measurement on AC And DC) characteristics of electrical lighting and similar equipment Yes Fullfilled the standard: DIN EN 61547 Equipment for general lighting purposes — EMC immunity requirements DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo' Yes Note: VDE 0108 is not a standard for ECG, marking is not applicable Features: CEAG-Data: Explanation: Manufacturer information: Important for function test! According to IEC 62386 Part 102 Support of: DALI command 145 (Query Cump Failure) Important for DC operation: DALI light level in DC operation (EOF=Emergency Output Level), the V-CG-SB.1 can not change the light level ! Important for lighting design: If DALI-Light Level is locked, the value of the preset DC-Lightlevel will be contact load SKU: Max. insula current each convertee/fluminaire in AC-operation: Note: Important for the contact load SKU: Max. insula current each convertee/fluminaire in AC-operation: Luminaires, which are used for emergency lighting, must be according to the standard DIN EN 60598-2-22 (particular requirements - Luminaires for emergency lighting)	Control gear complies with the	DIN EN 61347-2-13		Yes	
Fullfilled the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* Yes Note: VDE 0108 is not a standard for ECG, marking is not applicable Features: Important for function test! According to IEC 62386 Part 102 Support of: DALI command 145 (Query Control Gear) DALI command 145 (Query Control Gear) DALI command 146 (Query Lamp Failure) Important for DC operation: DALI light level is locked, the value of the preset DC-Lightlevel (In Sol Is required) Note: Important for Ilighting design: If DALI-Light level is locked, the value of the preset DC-Lightlevel (In %) is required Note: Important for the contact load SKU: KM 2 x 3A (CG) => 180 A SKU 1 x 6A (CG) => 180 A SKU 1 x 6A (CG) => 250 A SU 1 x 6A CG-S	Fullfilled the standard:			Yes	
Note: VDE 0108 is not a standard for ECG, marrising is not applicable Features: CEAG-Data: Explanation: Manufacturer information: Manufacturer information: Manufacturer information: Monte: VDE 0108 is not a standard for ECG, marrising is not applicable Explanation: To detect a lamp failure, the V-CG-SB.1 module send DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These 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 In case of locked DALI light level in DC operation: DALI light level is locked, the value of the preset DC-Lightlevel is locked, the value of the preset DC-Light Level e.g. 15% (DALI-value 185 for logarithmic dimming curve) Note: Important for the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 1 x 5A (CG) => 180 A SKU 1 x 6A (CG) => 180 A SKU 1 x 6A (CG) => 250 A SKU 1 x 6A (CG) => 250 A SKU 1 x 6A (CG) => 250 A SU 2 x 3A CGS => 250 A SU 3 x 250 A Luminaires, which are used for emergency lighting, must be according to the standard DIN EN 60598-2-22 (particular requirements - Luminaires for emergency lighting)	Fullfilled the standard:	DIN EN 61547		Yes	
Explanation: Explanation: Manufacturer information:	Fullfilled the DALI standards:	DIN EN 62386-101 /-102 / -207*	Control gear must have the DALI Logo*	Yes	
Features: CEAG-Data: Explanation: information: important for function test! According to IEC 62386 Part 102 Support of: DALI command 145 (Query Control Gear) DALI command 146 (Query Lamp Failure) Important for DC Operation: DALI light level In case of locked DALI light level in DC operation: DALI-Light level is locked, the value of the preset DC-Lightlevel (in %) is required Note: Important for the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3 (CG) => 120 A SKU 1 x 6A CG.S => 250 A SU 2 S => 250 A SU S => 250 A Luminaires, which are used for emergency lighting, must be according to the standard DIN EN 60598-2-22 (particular requirements - Luminaires for emergency lighting) To detect a lamp failure, the V-CG-SB.1 module send DALI Light (no 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. 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. The 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. The detect a lamp failure, the V-CG-SB.1 module send DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI LED driver. These DALI command queries (145/146) to the DALI Light Level is locked to prevent unwanted changes of the luminous flux. Locked Pre-set DC-Light Level e.g. 15% (DALI-value 185 for logarithmic dimming curve) SKU 2 x 3A CG.S => 250 A SKU 4 x 1,5A CG.S => 250 A SKU 4 x 1,5A CG.S => 250 A SU 2 x 3A CG.S => 250 A SU					
Important for function test! According to IEC 62386 Part 102 Support of:	Features:	CEAG-Data:	Explanation:		
DALI light level In case of locked DALI light level in DC operation (EOF=Emergency Output Level), the V-CG-SB.1 can not change the light level! socked, the value of the preset DC-Lightlevel (in %) is required 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-S => 250 A SU S* => 250 A	According to IEC 62386 Part 102 Support of : DALI command 145 (Query Control Gear) DALI command 146	According to IEC 62386 Part 102	DALI command queries (145/146) to the DALI LED driver. These DALI commands are necessary to ensure the lamp		
the V-CG-SB.1 can not change the light level is locked, the value of the preset DC-Light level of the p	•	I — — — — — — — — — — — — — — — — — — —		Locked	
Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 120 A	If 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!	, ,	15%	
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 SKU 2 x 3A CG-S => 250 A SKU 2 x 3A CG-S => 60 A SKU 2 x 3A CG-S => 250 A SKU 2 x 3A CG-S => 60 A SKU 2 x 3A CG-S => 250 A SKU 2 x 3A CG-S =>	Note: Important for the planning -				
Luminaires, which are used for emergency lighting, must be according to the standard DIN EN 60598-2-22 (particular requirements - Luminaires for emergency lighting)	Max. inrush current each converter/luminaire in	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 SOU CG-S // S* => 250 A			
	Lumin	naires, which are used for emergency lighting			
*Control of V-CG-SB.1 to the DALI LED driver is 100% done via DALI-commands according to IEC 62386-101 /-102	*Control of V-CG-SR 1 to the DALLE		<u> </u>		

Max. 1 DALI- Driver to wire with 1 V-CG-SB.1

so the DALI LED driver must sign with the DALI logo

In use of manifold ballasts, the different lamp failure detection of the manufacturer must be consider! Some devices don`t detect a failure if one lamp is defect.

06.March.2021