

standard: Intofescent lamps: Intofescent lamps: Not Relevant Control gear complex with the standard: DN EN 61347-2-3 (Incl. Attachment J) Control gear complex with the standard: Not Relevant Control gear complex with the standard: DN EN 61347-2-13 Long contrologaer - Part 2-13: Particular requirements for d. e. or a. e. supplied electronic control gear for LED modules - VES YES Control gear complex with the standard: DN EN 61347-2-13 Lamp contrologaer - Part 2-13: Particular requirements for d. e. or a. e. supplied electronic control gear for LED modules - VES YES Fulfilled the standard: DN EN 61347-2-13 Limp contrologaer - Part 2-13: Particular requirements for d. e. or a. e. supplied electronic control gear for LED modules - VES YES Fulfilled the standard: DN EN 61347-2-13 Limbs and methods of measurement D-Part 3-2.1 Limbs - Limbs - Limbs and methods of radio disturbance equipment input our red 5 (B A per phase) YES Fulfilled the standard: DN EN 61347 Electromagnetic compatibility (EMD) - Part 3-2. Limbs - Limbs - Limbs and methods of radio disturbance equipment input our red 5 (B A per phase) YES Fulfilled the batandard: DN EN 61347 Control gear must have the DALI Logo* YES Fulfilled the batandard: DN EN 61347 Control gear must have the DALI Logo* YES Fulfilled the DAL standards:	Manufacturer: OSRAM GmbH Marcel-Breuer-Str. 6 D-80807 München	ECG-type: OTi DALI 35_220-240_1A0_NFC Date: 03.04.2023	Version 4 Manufacturer information Complies: YES/NO		
In CO winge range: 168/ - 269/ D0 (br Lead-Battery) (Not for AT-3 - 5 ystein rangeure) YES Control gear compatible with the system? Switch-over it mice: Typical switch-over it mice: YES Status performance rangeures Stable current consumption attributes witch and the system? YES Status performance rangeures Stable current consumption attributes system? YES Status performance rangeures Stable current consumption attributes witch and the system? YES Control gear compatible with CEAA max. 30 phases (balf woves) with max. 60 max. 30 phase (balf woves) with max. 60 max. 30 phases (balf woves) with max. 60 max. 50	Features:	CEAG data:	Explanation:		
Watch-over time of the system? 180 me - 480 me minis supply and emergency power supply TES Starting behavior of the control gear. Stable current consumption after less than 1.6 sec. maximum. A stable operation of the scored gear after 1.5 second at monitoring. When x.2 U luminates for one current accurum. A stable current consumption at monitoring. When x.2 U luminates for an eurored accurd. A stable operation of the scored gear and power and the standard: YES Control gear complex with the standard: DNL EN 6329. AC and/or DC-appled electronic control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full waves are cut at a maximum of 60°. The control gear for full maximum of the control gear for full waves are cut at a maximum of 60°. The control gear maximum of the control gear for full monitoric control gear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The control gear for full gear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The control gear for full gear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The control pear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The control pear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The control pear complex with the standard: Not Relevant waves are cut at a maximum of 60°. The	0	186V - 260V DC (for Lead-Battery)		YES	
Backing behavior of the control gen Stable current consumption				YES	
Concto gen compatible with the CEAG STAR switching process, up to 30 hair. Phase-cut segrem (PAR): During the CEAG STAR switching process, up to 30 hair. Web Star Star Star Star Star Star Star Star	Starting behavior of the control gear:	-	start up is required for the right functionality of the individual monitoring. With max. 20 luminaires for one current circuit:	YES	
Control gear complex with the tandard: DN EN 69929 AC and/or UC-supplied detectronic control gear for Lubuar function for Lubuar function for Lubuar for LCD and the tandard: Not Relevant function for LCD and the tandard: control gear complex with the tandard: DN EN 61347-2-3 (incl. Attachment.j) Particular requirements for AC and/or DC supplied electronic control gear for LED modules - YES control gear complex with the tandard: DN EN 6347-2-13 C. A C a supplied detectronic control gear for LED modules - YES control gear complex with the tandard: DN EN 6347-2-13 Lamp control/gear - Part 2-13. Particular requirements for AC and DC (the supplied detectronic control/gear for LED modules - YES control gear complex with the tandard: DN EN 6347-2-13 Limits and methods of measurement of radio disturbance characteristics of electrical lighting adminar equipment funct control gear for LED modules - YES culfilied the standard: DIN EN 61367 Limits and methods of measurement of radio disturbance characteristics of electrical lighting adminar equipment input control gear for LED modules - YES culfilied the standard: DIN EN 61547 Equipment of gear for lubuar requirements (equipment input control gear for LED modules - YES culfilied the standard: DIN EN 61547 Equipment of gear for lubuar requirements (equipment input control gear for LED modules - YES culfilied the standard: DIN EN 61547 Equipment or geareal lighting purposes - EMC immunity requireme		max. 30 phases (half waves) with max. 60°	During the CEAG STAR switching process, up to 30 half- waves are cut at a maximum of 60°. The control gear must not	YES	
Control gear complex with the indirect and discussion of the standard: DN EN 61347-2-3 (incl. Attachment J) Caring lear complex with the control gear for LED modules - for the standard: Not Relevant control gear complex with the condition of the standard: DN EN 61347-2-13 DC, Cr AC supplied electronic control gear for LED modules - for the standard: YES control gear complex with the condition of the standard: DN EN 61347-2-13 Lame control gear for LED modules - for the standard: YES control gear complex with the standard: DN EN 61347-2-13 Lumits and methods of measurement of raid disturbance that attached the standard: DN EN 61347-2-13 Lumits and methods of measurement of raid disturbance that attached the standard: DN EN 61000-3-2 Lumits and methods of measurement of raid disturbance that attached the standard: DN EN 61000-3-2 Exclorengetic compatibility (MON) — Part 3-2: Lumits — Lumits for harmonic current emissions (equipment input current site is the Ap or phase) YES cutfilled the standard: DIN EN 61347 Equipment for general lighting purposes — EMC immunity YES cutfilled the DALI standards: DIN EN 62386-101 / 102 / -207* Control gear must have the DALI Logo* YES correcting to EC 62386 Part 102 According to EC 62386 Part 102 To detect a lamp failure, the V-CG-SB 1 module sent DALI ED driver. These DALI command queries (145/146) the DALI LED driver. These DALI command queries (145/146) the DALI	Control gear complies with the standard:	DIN EN 60929		Not Relevant	
Dort of gar complex with the and methods DN EN 62384 DC. Of AC supplied electronic corring gar for LED modules - Performance requirements YES environt LED: control gar complex with the tandard: DN EN 61347-2-13 Lamp control gar - Part 2-13: Particular requirements for d. c. or. a. supplied electronic contrologear for LED modules - Performance requirements YES infiliated the standard: DN EN 55015 (Measurement on AC And DC) Limits and methods of measurement of radio disturbance di	Control gear complies with the tandard:	DIN EN 61347-2-3 (incl. Attachment J)		Not Relevant	
Control gear complex with the transformation of the formation of the formatio	Control gear complies with the standard:	DIN EN 62384		YES	
"utilised the standard: (Measurement on AC And DC) characteristics of electrical lighting and similar equipment YES "utilised the standard: DIN EN 61000-3-2 Electromagnetic comparability (EMC) — Part 3-2: Limits — Limits for harmonic current sinsions (equipment input current sin 6 Appenpase). YES "utilised the standard: DIN EN 61547 Equipment for general lighting purposes — EMC immunity YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "utilised the DALI standards: DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES "upport of: CEAG-Data: Explanation: To detect a lamp faiture, the	Control gear complies with the	DIN EN 61347-2-13		YES	
Public Indition DN EN 6100-3-2 Limits for farmonic current emissions (equipment input current 5 16 A per phase) YES Public Indition DIN EN 61547 Equipment for general lighting purposes — EMC immunity requirements YES Public Indition DIN EN 61547 Equipment for general lighting purposes — EMC immunity requirements YES Public Indition DIN EN 61547 Control gear must have the DALI Logo* YES Provide Indition DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES Provide Indition DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES Provide Indition DIN EN 62386-101 /-102 / -207* Control gear must have the DALI Logo* YES Provide Indition CEAG-Data: Explanation: Manufacturer information: Provide Indition According to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send DALI command 145 Query Lamp Failure) According to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send DALI command 146 Query Lamp Failure) In case of locked DALI light level In DC operation (EOF=Emergency Output Level) In Ce-mergency case the DALI-Light Level is locked to prevent unwanded changes of the luminous flux. In CACed To th	Fullfilled the standard:		characteristics of electrical lighting and similar equipment	YES	
United the standard. Div Ex 61947 requirements TES iulifilied the Standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* YES iulifilied the DALI standards: DIN EN 62386-101 /-102 /-207* Control gear must have the DALI Logo* YES interview VDE 0108 is not a standard for ECG, marking is not applicable Explanation: Manufacturer information: Features: CEAG-Data: Explanation: Manufacturer information: moortant for CG 6aan According to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send DALI command sen encessary to ensure the lamp failure detection, and must be support by the control gear. In case of locked DALI light level in DC operation: CO-Expension: VALI command 146 In case of locked DALI light level in DC operation (EOF=Emergency Output Level), the V-CG-SB.1 can and change the light level is locked to prevent unwanted changes of the luminous flux. In CC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Its% moortant for DC-Lighteval Max, permitted inrush current per circuit Note: Important for the planning - Max. no. Of luminiares per circuit Max, permitted inrush current per circuit: SKU 2 × 3A (CG > => 250 A SU < SU < >> 250 A SU <	ullfilled the standard:	DIN EN 61000-3-2	Limits for harmonic current emissions (equipment input	YES	
In case of locked DALI light level Explanation: Manufacturer information: In Case of locked DALI light level In case of locked DALI light level in DC operation: In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Iocked Pre-set DC-Light level In case of locked DALI light level in DC operation: In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Iocked Pre-set DC-Light level In case of locked DALI light level in DC operation: In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Iocked Pre-set DC-Light level In case of locked DALI light level in DC operation: In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Iocked Pre-set DC-Light level In second to the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 250 A It 4.2A / 160µs Note: Important for the contact load SKU: Max. premitted inrush current per circuit: SKU 1 x 6A (CG) => 180 A SKU 1 x 6A (CG) => 250 A It 4.2A / 160µs SU 0 CG-S // S' => 250 A SU 0 's 's => 250 A SU 0 's 's => 250 A It + 26 corrence or inviniaries in important, to calculate the nore inviniaries on one circuit, to consider the max. contact load limitation of the consisite luminaires for emergency lighting.	Fullfilled the standard:	DIN EN 61547		YES	
Features: CEAG-Data: Explanation: Manufacturer information: moortant for function test! According to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send DALI Command 145 To detect a lamp failure, the V-CG-SB.1 module send DALI Commands are necessary to ensure the lamp failure detection, and must be support by the control gear. DALI command 146 Cuery Lamp Failure) To detect a lamp failure, the V-CG-SB.1 module send DALI Commands are necessary to ensure the lamp failure detection, and must be support by the control gear. In case of locked DALI light level in DC operation: DALI loop retation (EOF=Emergency Output Level), the V-CG-SB.1 control change the light level i mortant for Ibe Ibe CLight Level is locked to the V-CG-SB.1 control for the planning - Max. no. Of luminiares per circuit In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Iocked Max. incrust current for the planning - Max. no. Of luminiares per circuit: SKU 2 x 3A (CG) => 120 A SKU 4 x 1,5A CG-S => 250 A SKU 4 x 1,5A CG-S => 250 A SKU 4 x 1,5A CG-S => 250 A Max. ornust current each SKU: SK 4 x 1,5A CG-S => 250 A SU S * => 250 A The declaration of the inrush current of the luminaire is important, to calculate the nossible luminaires on one circuit, to consider the max. contact load limitation of the cossible luminaires on one circuit, to consider the max. contact load limitation of the cossible luminaires on one circuit, to consider the max. contact load limitation of the cossible luminaires on one circuit, to conside	Fullfilled the DALI standards:	DIN EN 62386-101 /-102 / -207*	Control gear must have the DALI Logo*	YES	
Features: CEAG-Data: Explanation: Information: mportant for function test! (ccording to IEC 62386 Part 102) hpport of : MALI command 145 Query Control Gear) MALI 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 gueries (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. MaL command 146 Query Lamp Failure) 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 ! In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. locked Note: Important for the planning - Max. no. Of luminiares per circuit Max. incus current each onverter/luminaire in RC-operation: Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 120 A SKU 1 x 6A (CG) => 120 A SKU 1 x 6A (CG) => 120 A SKU 2 x 3A (CG) => 250 A SU 0 CG-S II' si >> 250 A SU 0 CG-S II' si >> 250 A SU 0 S' => 250 A SU 0 S' => 250 A SU 0 S' => 250 A The declaration of the inrush current of the luminaire is important, to calculate the m possible luminaires on one circuit, to consider the max. contact load limitation of the c possible luminaires on one circuit, to consider the max. contact load limitation of the c sub 0 s' => 250 A Luminaires, which are used for emergency lighting, (particular requirements - Luminaires 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	lote: VDE 0108 is not a standard for ECG, mar	king is not applicable			
Important for function testl ccording to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send VALI command 145 According to IEC 62386 Part 102 To detect a lamp failure, the V-CG-SB.1 module send VALI command 146 DALI commands are necessary to ensure the lamp failure detection, and must be support by the control gear. In case of locked DALI light level in DC operation: 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 ! In DC-emergency case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. locked Note: Important for the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 180 A 14.2.A / 160 µs Note: Important for the contact load SKU: fax. Inrush current each onverter/luminaire in C-operation: SKU 4 x 1,5A CG-S => 250 A The declaration of the inrush current of the luminaire is important, to calculate the n possible luminaires on one circuit, to consider the max. contact load limitation of the consider the max. contact load SKU: Si y * => 250 A The declaration of the inrush current of the luminaire is important, to calculate the n possible luminaires for emergency lighting, must be according to the standard DIN EN 60598-2-22 Uparticular requirements - Luminaires for emergency lighting, Turt is 100% done via DALI-commands according to IC 62386-101 /-102 Control of V-CG-SB.1 to the DALI LED driver is 100% done via DALI-commands according to IC 62386-101 /-102	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 ! In C-emergency Case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. In C-emergency Case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. In C-emergency Case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Important for lighting design: In case of locked DALI light level is locked, the value is locked, the value is locked to prevent unwanted changes of the luminous flux. In C-emergency Case the DALI-Light Level is locked to prevent unwanted changes of the luminous flux. Important for lighting design: In case of locked DALI light level is locked, the value is locked, the value is locked, the value is locked to prevent unwanted changes of the luminous flux. In C-emergency Case the DALI-Light Level e.g. 15% (DALI-value 185 for logarithmic dimming curve) Important for the planning - Max. no. Of luminiares per circuit: Max. permitted inrush current per circuit: Max. permitted inrush current per circuit: Max. StU 1 x 6A (CG) => 120 A StU 1 x 6A (CG) => 120 A StU 1 x 6A (CG) => 250 A In the declaration of the inrush current of the luminaire is important, to calculate the mossible luminaires on one circuit, to consider the max. contact load limitation of the consible luminaires, which are used for emergen	ccording 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		
DALI-Light level is locked, the value f the preset DC-Light level is locked, the value f the preset DC-Light level e.g. 15% (DALI-value 185 for logarithmic dimming curve) 15% Note: Important for the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3A (CG) => 120 A 14.2A / 160µs Note: Important for the contact load SKU: Max. inrush current each onverter/luminaire in vC-operation: SKU 1 x 6A (CG) => 180 A The declaration of the inrush current of the luminaire is important, to calculate the m SKU 1 x 6A CG-S => 250 A SU CG-S // S ⁺ => 250 A The declaration of the standard DIN EN 60598-2-22 (particular requirements - Luminaires for emergency lighting)	· · · · · · · · · · · · · · · · · · ·	-		locked	
Note: Important for the planning - Max. no. Of luminiares per circuit Max. permitted inrush current per circuit: SKU 2 x 3A (CG) SKU 1 x 6A (CG) Aax. inrush current each onverter/luminaire in C-operation: SKU 1 x 6A CG-S SKU 1 x 6A CG-S SKU 1 x 6A CG-S SKU 2 x 3A CG-S SKU 1 x 6A CG-S SKU 1 x 6A CG-S SU S* SU CG-S // S* SU S*	DALI-Light level is locked, the value f the preset DC-Lightlevel			15%	
mportant for the contact load SKU: SKU 2 x 3A (CG) => 120 A 14.2A / 160µS Max. inrush current each onverter/luminaire in NC-operation: SKU 4 x 1,5A CG-S => 60 A 14.2A / 160µS SKU 1 x 6A CG-S => 250 A SKU 1 x 6A CG-S => 250 A The declaration of the inrush current of the luminaire is important, to calculate the m ossible luminaires on one circuit, to consider the max. contact load limitation of the or sources, which are used for emergency lighting, must be according to the standard DIN EN 60598-2-22 (particular requirements - Luminaires 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					
Cooperation: SKU 1 x 6A CG-S => 250 A SOU CG-S // S* => 250 A SU S* => 250 A Interdeclaration of the influstre current of the influstre is important, to calculate the influstre is important. SKU 1 x 6A CG-S SKU 1 x 6A CG-S = 250 A possible luminaires on one circuit, to consider the max. contact load limitation of the constraint is important. 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 of V-CG-SB.1 to the DALI LED driver is 100% done via DALI-commands according to IEC 62386-101 /-102	lax. inrush current each	SKU 2 x 3A (CG) => 120 A SKU 1 x 6A (CG) => 180 A SKU 4 x 1,5A CG-S => 60 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) Control of V-CG-SB.1 to the DALI LED driver is 100% done via DALI-commands according to IEC 62386-101 /-102		SKU 1 x 6A CG-S => 250 A SOU CG-S // S ⁺ => 250 A			
Control of V-CG-SB.1 to the DALI LED driver is 100% done via DALI-commands according to IEC 62386-101 /-102	Lumir	naires, which are used for emergency lighting			
And a DALI LED driver mast sign with the DALI hogo	o the DALI LED driver must sign with	D driver is 100% done via DALI-commands acco the DALI logo			