

Features

- DALI Gateway Server with IEC 62386 support
- AC Universal input, 5W
- DALI channel: 4 sets, no power
- Control: Ethernet with DHCP, ModBus TCP
- Protection: DALI channel short circuit
- Global safety compliant
- Suitable for home and office
- Others: Smart Engine, Time Sync, Event & scheduler, etc

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2. Specification

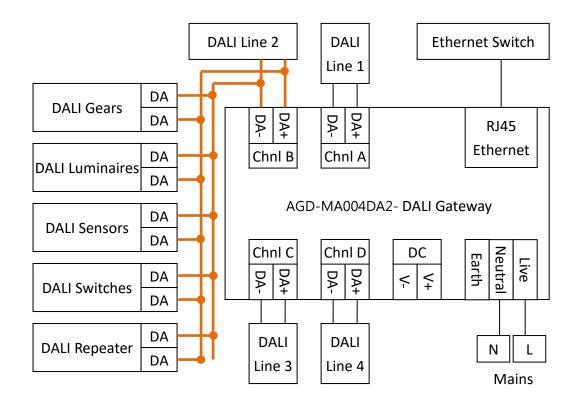
Technical Data

Model		AGD-MA004DA2		
Output	DALI Channel	4 with no power source		
	Current	Consume max 2mA		
Input	Voltage	Universal, 100 ~ 240V AC		
	Power	Max 5W		
	Standby W	< 2W		
Protection	Short	No		
Working	Temperature	-30 ~ +45 ℃		
environment Storage		-40 ~ +80°C, 10 ~ 95% Non-condensing		
Other	Арр	Free iPhone & Android Remote Control App		
	Protocol	ModBus TCP, Artilect V3		

Dimension

3. Installation

Wiring and circuit diagram



- Wirings must be done when the main power source is off.
- DA/DA are wires for DALI bus lines. Connect to DALI devices only.
- Please keep the join of cables away from human environment. Double enforcement cables are recommended.

Hot plug-in

Hot plug-in is not recommended for AC wires. Only DALI wires are allowed for hot plug-in.

DALI Bus

DALI bus has no DALI bus power supply, please connect a bus power supply externally.

4. Configuration Software

Artilect SmartLink provides highly advanced DALI configuration tool. Using this tool may require some knowledge of DALI standard and infrastructure. For more information, please, contact Artilect Green's sales for further information and its download link.

R #	DALI Gears/Drivers/Luminaires Configurator							
> A:01.A4	Gateways	DALI Gear/Luminaire	Memory Bank Proc	duct Information LEI	D Driver			
> A:FE > A:01.99	V Channel - A - ()	Information				*Fading Controls		
AULSS	Addr: 0 - ()					*		
> A:FF		Channel:	A Short A	ddr: 0	Version: 2.0	Target Fade Time: 0.707 • Fade Rate: 7 (44 steps/s] •		
> A:01.A7	Addr: 1 - ()	Name:						
> A:06	Addr: 2 - ()		-			Fade Time: 0.707 • Fast Fade Time: 0 (< 0.025s) •		
> A:01.A7		*Dimming Bar				Ext. Fade Time: 0 second + + 1 +		
	Addr: 3 - ()							
> A:32	Addr: 4 - 0					*Arc Level Control		
> A:01.A7								
> A:FE	Addr: 5 - 0	Off On	On/Off	Stop Level: 2	54 / 254	Power On Arc Lv: 254 System Failure Lv: 254		
> A:01.9F	Addr: 6 - 0			stop Level. 2.	34/234	Min Arc Lv: 8 Max Arc Lv: 254		
	Addr: 7 - 0	Supported Types				Min Arc Lv: 8 Max Arc Lv: 254		
> A:06	Haar: 7 - 0					Phy. Min Arc Lv: 8		
> A:01.98	Addr: 8 - ()	Туре			Version			
> A:00	Addr: 9 - ()	6 - Light-Emitting			2.0	Status		
> A:01.9C		50 - Luminaire Ext	-Info		2.0	Device Error Power Restart Limit Error No Addr		
	Addr: 10 - 0					Device Error Power Restart		
> A:04	Addr: 11 - 0					At Reset Status 🖌 Output On 🛛 Arc Fading 🔹 Lamp Error		
> A:00		Light Source Type						
> A:01.97	Addr: 12 - 0	6 - light-emitting	6 - light-emitting diodes			*Group Members		
> A:08	Addr: 13 - 0							
> A:01.FF								
	Addr: 14 - 0							
> A:C1.06 > A:01.FF	Addr: 15 - 0	- DALI Command Po	ool			8 9 10 11 12 13 14 15		
> A:01.FF	Addr: 16 - 0		1					
> A:08	Addr: 10 - 0	Max	Min	Step Up	Step down	*Scene Arc Levels		
> A:C1.32	Addr: 17 - 0					0: 255 1: 255 2: 255 3: 255		
> A:01.FF	Addr: 18 - ()	Dim Up	Dim Down	On/Step Up	Step Down/Off	0: 255 1: 255 2: 255 3: 255		
> A:08						4: 255 5: 255 6: 255 7: 255		
> A:08 > A:C1.06	Addr: 19 - ()	Identify	Last Arc Level	Save Persistence	Turn Off			
> A:01.FD	Addr: 20 - ()					8: 255 9: 255 10: 255 11: 255		
		Reset	Move All Devices	Move One De	vice			
> A:00	Addr: 21 - ()					12: 255 13: 255 14: 255 15: 255		
> A:01.A1	Addr: 22 - 0					Color Type: Color Temperature •		
> A:FE								
> A:01.A2	Addr: 23 - 0					Color Temperature: 0 Kelvin		
	Addr: 24 - 0	Download All	Download All J	Memory Banks	Upload All	Clone		
> A:08		Lownload All	Download All +	memory panks	opioad All	Cione		
> A:01.A8	elect Servers Options Input/Sensor	Control Davisa	Disco (Cardinal C					
> A:00	elect servers Options Input/Sensor	Control Device Luminal	ire/Driver/Control Gea	r				
> A:01.9E	> Access messages							

5. Others

Warning / Caution !!

- Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do not remove the case of the device!
- The openings should be protected from foreign objects or dripping liquids.
- Please do not install the device in places with high ambient temperature or close to fire source. Please refer to the specifications about the maximum ambient temperature limitations.
- If the cases or terminal connector of this device is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- The DALI is designed as FELV circuit, its terminal shall connect to FELV circuit. Connecting to SELV will lower its isolation level to FELV.