



SimpleLink 1 Channel Gateway - Entry

MA221DB1

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Features

- DALI Gateway Server with IEC 62386 support
- AC 100~240V Input
- DALI channel: 1 set, 240mA
- Control: Artilect TCP/IP protocol, ModBus TCP
- Protection: DALI channel short circuit/Over-heat
- Global safety compliant
- Suitable for home and office
- Others: Smart Engine, Time Sync, Event & scheduler, etc.



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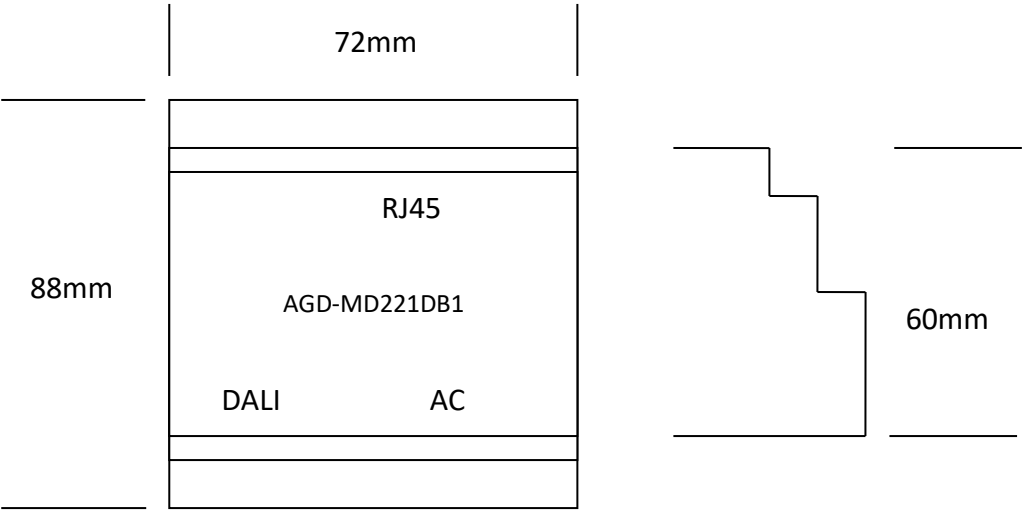
RoHS

2. Specification

Technical Data

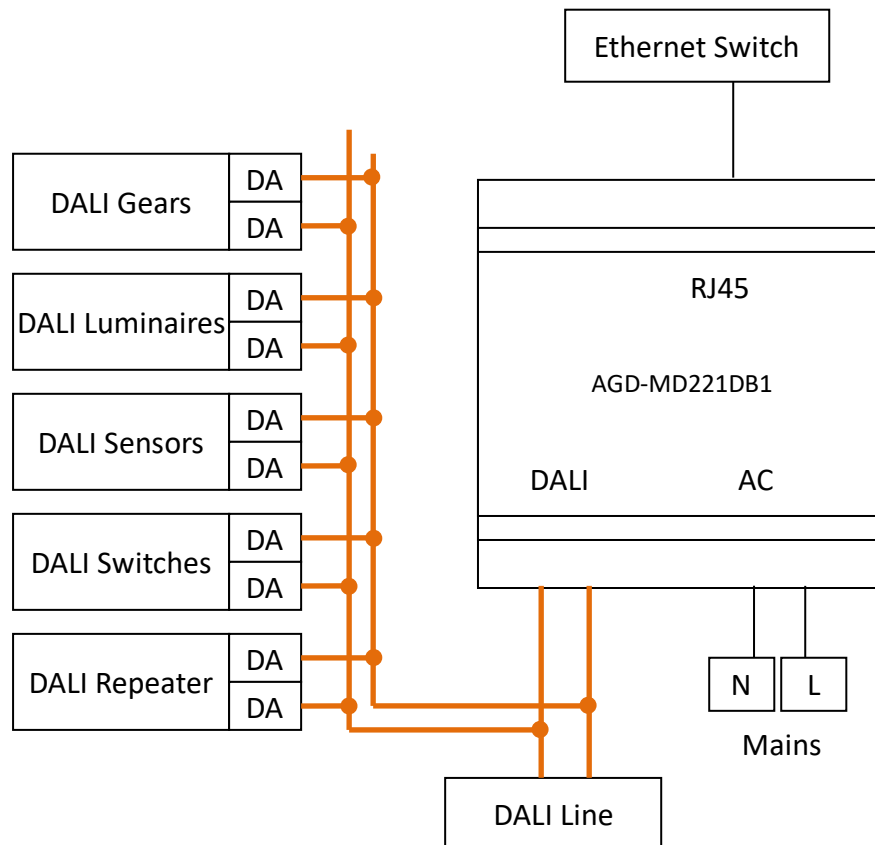
Model		AGD-MD221DB1
Input	Voltage/Hz	100...240V AC, 50...60Hz
	Leakage	< 0.25mA
	Standby W	< 0.5W
	Power Factor	0.5
	Harmonic	< 15%
DALI Channel	Voltage	15V
	Current	220mA
Protection	Surge capability	L/N-Ground 2kV, L-N 1kV
	Isolation	Main input/DALI SELV
Environment	Temperature	Ta: -30...+40°C, Tc: 70°C
	Humidity	20...95%
	Storage	-40...+80°C, 10...95%
Others	Dimension	
	Weight	
	Protocol	ModBus TCP, Artilect V3 (without Smart GRID)

Dimension



3. Installation

Wiring and circuit diagram



- AC wiring must be done with main power source is off.
- DA/DA terminals are for DALI bus wires, and they are cataloged FELV, and should be connected to FELV circuit.

Hot plug-in

Hot plug-in is not recommended for AC wires. Only DALI wires are allowed for hot plug-in. Installation, wiring and repairing must be done with main power source is off.

Usage and install

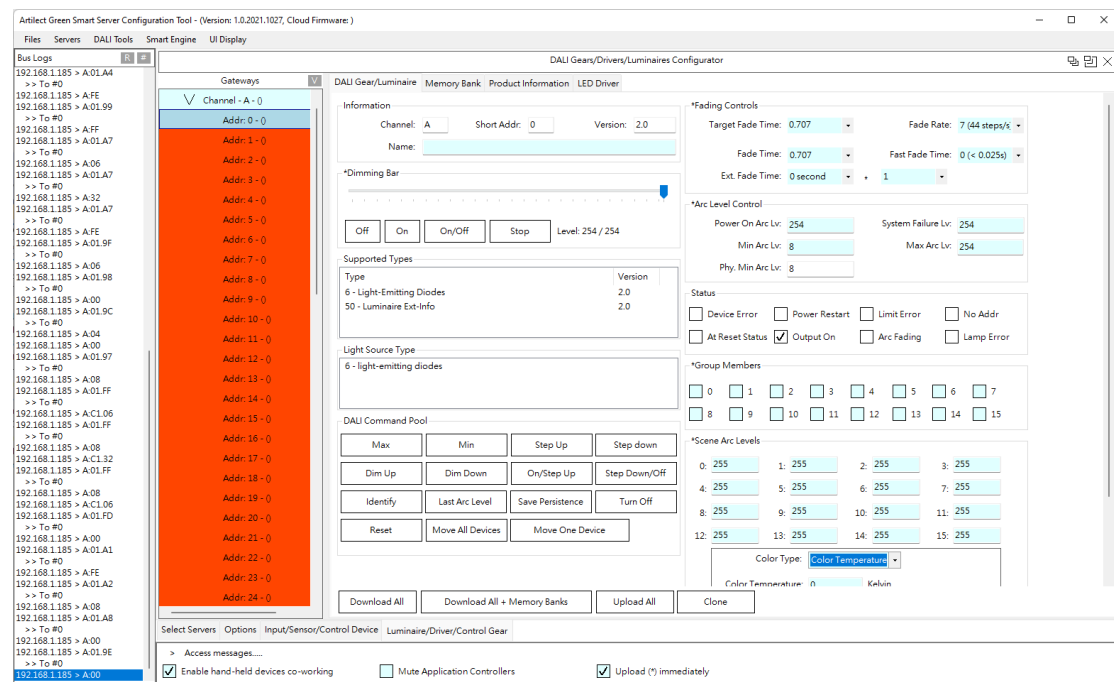
The relay controller has installed with specialized power relays, and it is intended for luminaire controls, only. Do not use it for motor controls (specially AC motors), or any

inductive devices.

Good ventilation and a distance from heat source is recommended.

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.



Contacts

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