

2AMDIL400MA0PT1A01-UL

Dimmer CV UL Independent

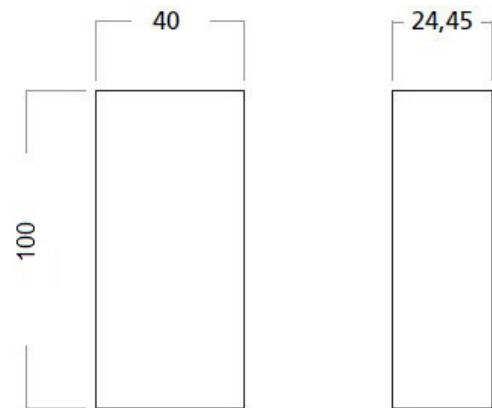
Monochannel Dimmers with Output Voltage PWM.

Input Range: 8-48V DC.

Output Voltage PWM 8-48V DC with current from 0A to 12A (576W at 48V DC).

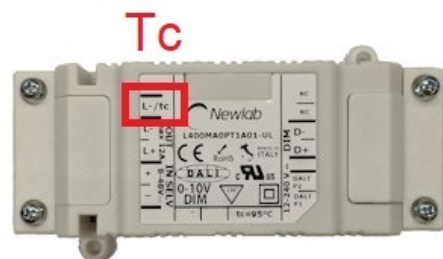
Input Controls	
Type	Qty
Insulated Push button	1
DALI	1
Linear Potentiometer 100K	1
0-10V Passive	1
1-10V Passive	1

Output Sync	
Type	Qty
PWM	1



TECHNICAL NOTES

- Provided with connection cover and clamping screws for cables.
 - Monochannel Dimmers with Output Voltage PWM.
 - Input Range: 8-48V DC.
 - The device is not equipped with earth connection
- Protection against accidental contact with live parts is guaranteed by the enclosure.
- Output Voltage PWM 8-48V DC with current from 0A to 12A (576W at 48V DC).
 - Input Controls: Insulated Push button x1, DALI x1, Linear Potentiometer 100K x1, 0-10V Passive x1, 1-10V Passive x1.
 - Output Sync: PWM x1.
 - Notice on 0-10V (1-10V): this control circuits is not insulated, use only insulated 0-10V(1-10V) source generator.
 - Input type isolated, Output type not isolated.
 - PWM Frequency: 390 Hz.
 - Protection Class: IP20.
 - Standard Dimension 40x100x24.45 mm.
 - Reverse polarity protection.
 - Open circuit protection.
 - Surge voltage protection.
 - Over temperature protection.
 - To supply the device you have to use a SELV power supply in order to maintain the required electrical security level.
- All connections must be made with non-live devices and carried out by specialized personnel.
- Use only in dry and damp conditions.
 - To remove the wires release the terminal screws.
 - The cross-section conductors of power input (DC IN), output to the load (OUT CV) and push/DALI interface (DALI/P1 DALI/P2) is 14-26 AWG (0.75 - 1.0 mm² IEC STANDARD).
 - The cross-section conductors of DIMM interface (D+ D-) is 14-30 AWG (0.75 - 1.0 mm² IEC STANDARD).
 - In case of use PUSH interface with 110V/220V AC use H03VVH2-F 2x0.5/0.75 mm² cables.
 - The unit shall be used in conjunction with a LED controlgear separately approved according to IEC/EN 61347-2-13, SELV output, Constant voltage, Short-Circuit proof.



- Tc point Max: 95 Celsius degree.
- Tc is located on the screw corresponding to the indication Tc in the figure.
- The (DIMM D+ D-) wired control circuits are not isolated, See installation instructions.
- CAUTION More than one power supply present / Plus d'un bloc d'alimentation présent.
- UL Certified File Number: E511343.
- IECCE CB Certified by UL. CB Test report Number: DK-93122-UL.





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