

2AMDI516IPVRDXBS

Four channel constant current dimmer DMX/PUSH/DALI/POT/0-10V/BLE

4 channels Dimmers with Output Current PWM.

Input Range: 8-53V DC.

Output Current PWM with current from 0.17A to 1.05A (54.6W at 52V DC) for single channel.

In single channel mode current from 0.68A to 4.2A (218.4W at 52V).

Parallelisable output channels.

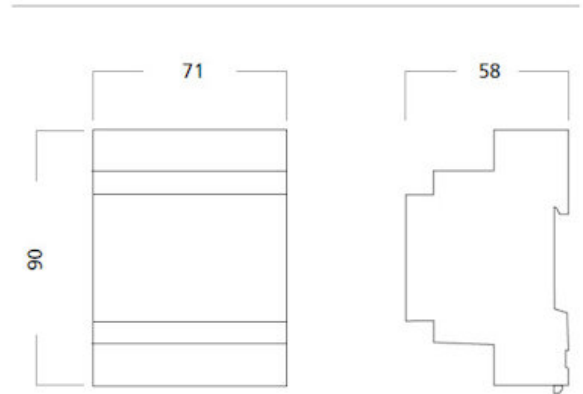
Controllable with Android/iOS app IoT Light with different working modes: Single Channel, RGB, RGB + White, White tunable.

In order to set working modes and output current you will need the 2AMIN4030000N interface sold separately.



| Input Controls | |
|---------------------------|-----|
| Type | Qty |
| DMX512 RDM | 1 |
| Insulated Push button | 1 |
| Not insulated Push button | 4 |
| DALI | 1 |
| Linear Potentiometer 100K | 4 |
| 0-10V Passive | 4 |
| 1-10V Passive | 4 |
| Bluetooth LE | 1 |

| Output Sync | |
|-------------|-----|
| Type | Qty |
| DMX512 | 1 |



TECHNICAL NOTES

- 4 channels Dimmers with Output Current PWM.
- Input Range: 8-53V DC.
- Output Current PWM with current from 0.17A to 1.05A (54.6W at 52V DC) for single channel.
- In single channel mode current from 0.68A to 4.2A (218.4W at 52V).
- Parallelisable output channels.
- MASTER/SLAVE configuration for digital syncro with other IoT Light Dimmer or DMX512A compatible device.
- Default Configuration: SLAVE DMX512A 4 Channel.
- 2AMIN4030000N interface (optional) is required to change operating mode.
- Controllable with Android/iOS app IoT Light with different working modes: Single Channel, RGB, RGB + White, White tunable.
- Input Controls: DMX512 RDM x1, Insulated Push button x1, Not insulated Push button x4, DALI x1, Linear Potentiometer 100K x4, 0-10V Passive x4, 1-10V Passive x4, Bluetooth LE x1.
- Output Sync: DMX512 x1.
- Notice on 0-10V (1-10V): this control circuits is not insulated, use only insulated 0-10V(1-10V) source generator.
- PWM Frequency: 390 Hz.
- Converter DALI to DMX.
- Printed Circuit UL.
- Protection Class: IP20.
- Standard Dimension 90x70x58 mm.
- Reverse polarity protection.
- Open circuit protection.
- Surge voltage protection.

- Over temperature protection.
- Short circuit protection.
- Use only in dry conditions.



| CODE | INPUT VOLTAGE | (MAX) OUTPUT CURRENT | N. OUTPUT CHANNELS | MAX OUTPUT POWER | CONTROL INPUTS | CASE | DIMENSION mm |
|------------------|---------------|--|--------------------|--|---|------|---------------|
| 2AMDI516IPVRDXBS | 8-53V DC | from 0.17A to 1.05A for single channel | 4 | 54.6W at 52V DC for single channel 218.4W at 52V DC total | DMX512 RDM x1 Insulated Push button x1 Not insulated Push button x4 DALI x1 Linear Potentiometer 100K x4 0-10V Passive x4 1-10V Passive x4 Bluetooth LE x1 | YES | 90x70 h 58 |