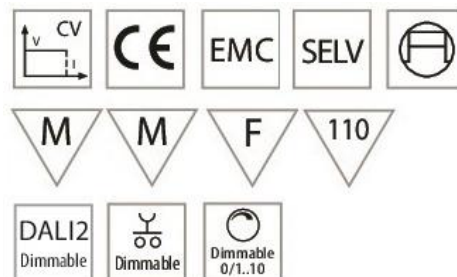


DALI CUBE 48V DC – DALI&PUSH//0-10V/1-10V Interface

Made in Italy 



Part number Codice prodotto	V in DC	V out DC	P out W	I out DC max	Efficiency	tc °C
A40DACUBE48N	48	Vin-0,5V	30-336	7 A	96%	60

Product description

- Interface for LED dimming with PWM output
- Can be used with 48Vdc LED power supplies

Descrizione prodotto

- Interfaccia per dimmerazione LED con uscita PWM
- Utilizzabile con alimentatori LED da 48Vdc

Directives / Direttive:

2014/35/EU (LVD) ; 2014/30/EU (EMC) ; RoHs 2011/65/EU + 2015/863/EU (RoHs) ; 2009/125/ECODESIGN regulation (EU) n°2019/2020 and 341/2021 amendment

Standards compliance: Conformità alle norme:

EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015; EN 61347-1:2015 + A1:2021
EN IEC 62384:2020
EN 55015:2019 + A11:2020; EN 61000-3-3:2013; EN 61457:2009;
EN IEC 61000-3-2:2019 + A1:2021
EN 63000:2018
EN IEC 62442-3:2022
IEC 62386-102:2014 + AMD1:2018; IEC 62386-207:2018



DALI CUBE 48V DC – DALI&PUSH//0-10V/1-10V Interface

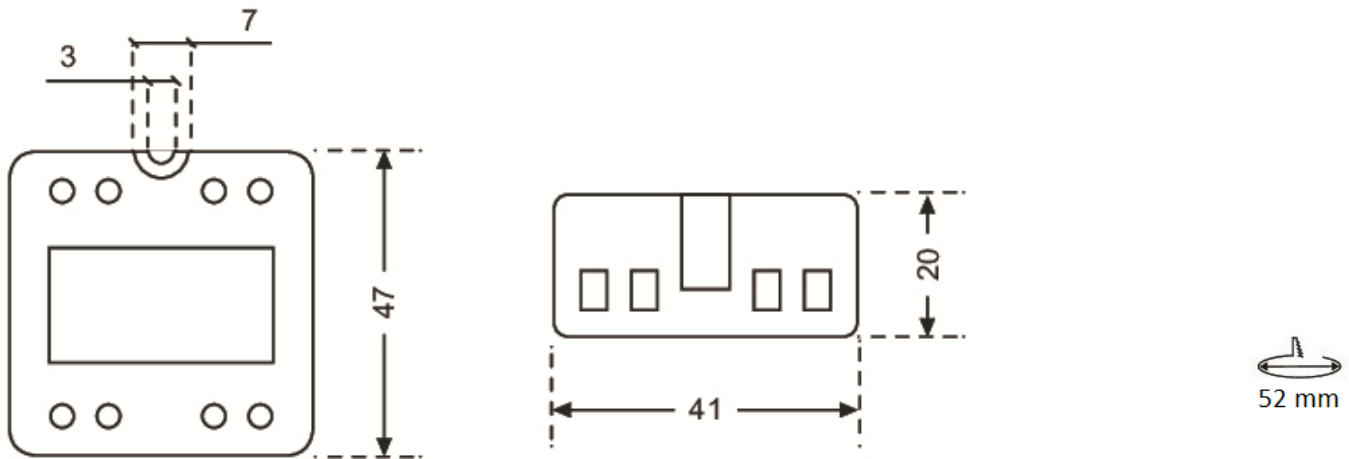
Made in Italy 

Other electrical data	
Input voltage DC	48 V DC
Operating frequency	250 Hz PWM 16bit range 0,5...100%
Output voltage DC	Vin -0,5 V
Output PWM frequency	250 Hz
Minimum output load	30 W
Standby power (Psb)	≤ 0,5 W
Networked stanby power (Pnet)	≤ 0,5 W
No-load proof	YES
Intended for no-load operation	NO
Temperatures and operating conditions	
Ambient temperature range	-10...+45 °C
Storage temperature range	-15...+50 °C
IP grade	20
Capabilities	
Dimmable	YES
Dimming interface	DALI-2 (DT6 1,5mA max) / PUSH-BUTTON / 0-10V / 1-10V / Potentiometer 47K
Input selector	Dip-switch
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 13-20 AWG, screw connectors
Wire preparation lenght (input side)	4...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 13-20 AWG, screw connectors
Wire preparation lenght (output side)	4...7 mm
Cables cross-section (DALI input)	0,5-2,5 mm ² , 13-20 AWG, screw connectors
Wire preparation lenght (DALI input)	4...7 mm
Cables cross-section (0-1/10V input)	0,5-2,5 mm ² , 13-20 AWG, screw connectors
Wire preparation lenght (0-1/10V input)	4...7 mm
Max cables lenght for push-button line	20m, Ø0,5-2,5 mm ²
Nominal life-time	50000h @Ta 40 °C

Color & materials

Casing material:	Polycarbonate V0
Color	Black

Product dimensions (mm)



Product weight

A40DACUBE48N	33 gr.
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Operating mode selection / Selezione modalità operativa

