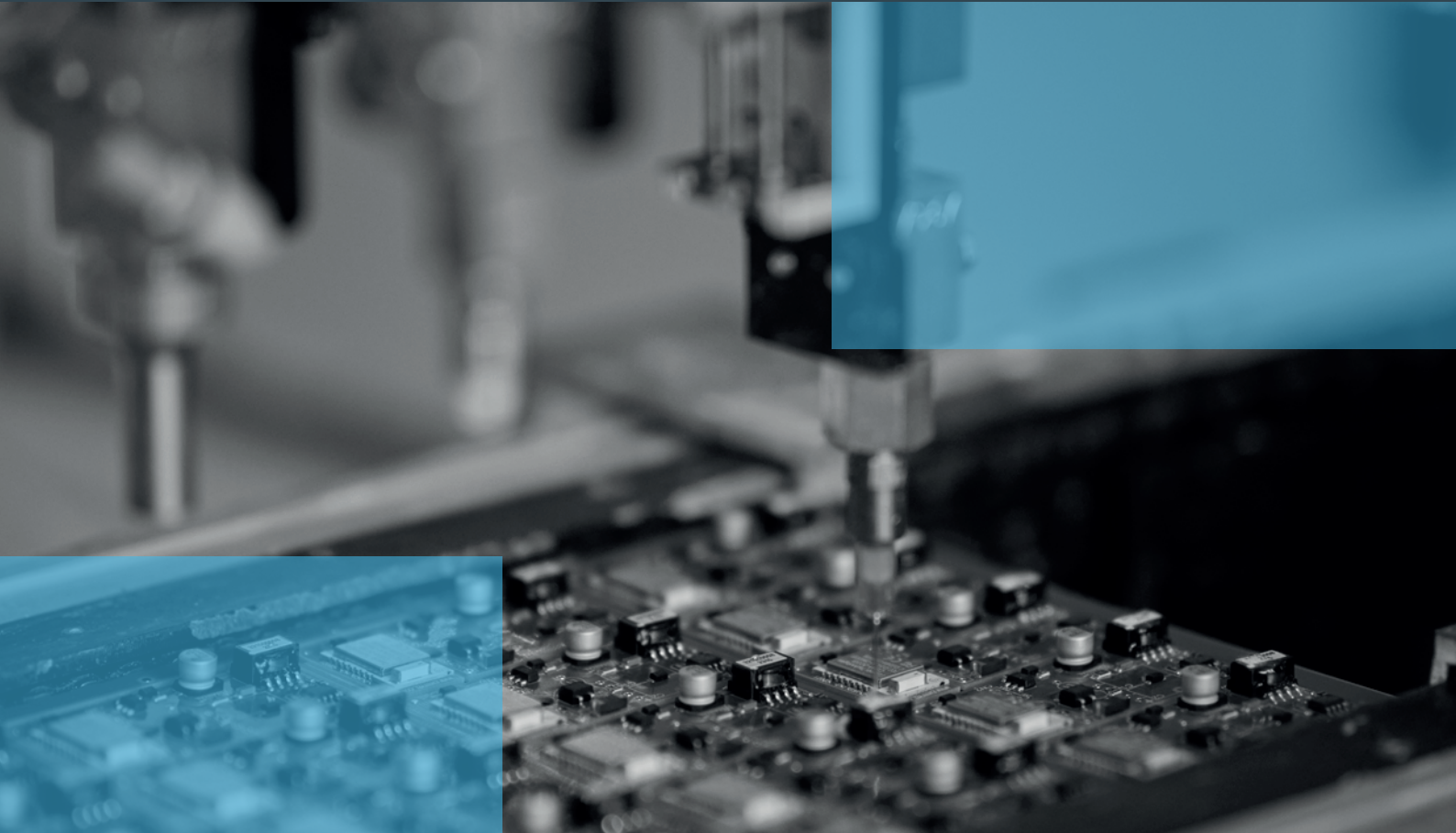




**ENTITY**<sup>®</sup>  
REALIZING YOUR IDEAS

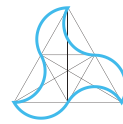
**LIGHT  
CONTROLLERS**



**WE REALIZE  
YOUR IDEAS**

*Quello che da sempre contraddistingue Entity è il servizio di co-engineering che consente di collaborare a stretto contatto con i clienti per offrire soluzioni tecniche personalizzate.*

**The company has always stood out for its co-engineering service, which allows to cooperate closely with customers to offer original technical solutions in defining projects.**



# LIGHT CONTROLLERS

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# ABOUT US

## **Progettiamo e realizziamo in Italia schede elettroniche in ambito industriale e lighting**

Lungimiranza ed innovazione per il successo dei nostri clienti: questa è **la cultura aziendale che ci guida da sempre nel nostro modo di fare impresa.**

## **Entity is an international company that designs and produces electronic boards for industrial and lighting uses**

Foresight and innovation for the success of our clients-this is **the corporate culture that has always guided our way of doing business.**

## **Electronica e Led dal 1989**

*Entity è un'azienda internazionale che progetta e realizza schede elettroniche in ambito industriale e lighting, promuovendo i valori distintivi del Made in Italy dal 1989.*

*Progettazione Hardware e Software interna, Ricerca e Sviluppo, Prototipazione, accurati Test e Collaudi, fino alla Produzione in serie sono i passaggi fondamentali di un Servizio a 360°, che trova la sua massima espressione nella realizzazione di prodotti customizzati in base alle specifiche esigenze del cliente.*

**Entity ha messo le proprie radici più di 35 anni fa e da allora, ogni giorno, raccoglie e fa crescere le idee dei suoi clienti, perché il loro successo è anche il proprio.**

## **Electronics and Led since 1989**

Entity is an international company that designs and produces electronic boards for industrial use and lighting, promoting the distinctive values of Made in Italy since 1989.

In-house Hardware and Software Design, Research and Development, Prototyping, accurate Testing and Inspection up to Mass Production are the fundamental steps of a 360° service, which finds its maximum expression in the realization of customized products according to specific customer needs.

**Entity put down its roots more than 30 years ago, and since then it has been gathering and developing the customers' ideas, as strongly convinced that their success is also its own.**

# Our values

## R&D

*Il dipartimento Ricerca & Sviluppo è costituito da Ingegneri professionalmente preparati orientati all'innovazione ed al miglioramento.*

The Research and Development department consists of professionally Engineers focused on innovation and improvement.

## Experience and Quality

*La qualità coinvolge ogni aspetto aziendale: dalla scelta dei macchinari, alla selezione dei migliori componenti presenti sul mercato, dall'accurato controllo di tutte le fasi del processo produttivo all'eccellenza dei servizi erogati.*

Quality involves every aspect of the company: from the choice of machinery, to the selection of the best components available on the market, to the control of the various phases of the production process, to the quality of the services provided.

## Our customers' success

*Il successo dei nostri clienti è il primo degli obiettivi aziendali ed anche il nostro successo.*

Our Customers' success is the first of our company's objectives, as well as being our success too.

## Made in Italy

*L'intero processo di progettazione avviene internamente all'azienda ed ogni fase è sviluppata coi criteri e le caratteristiche che hanno decretato il successo del Made in Italy nel mondo.*

The entire design process takes place within the company and each phase is developed with the criteria and characteristics that have decreed the success of Made in Italy in the world.

## 5-years guarantee

*I nostri prodotti sono garantiti 5 anni a testimonianza dello scrupolo con cui progettiamo, selezioniamo materiali e infine produciamo.*

Our products come with a 5-year warranty, a sign of the care with which we design, select materials and finally manufacture.



# CERTIFICATIONS & APPROVAL MARKS

## Certifications

La nostra azienda si impegna quotidianamente per garantire qualità, sostenibilità e sicurezza, valori riconosciuti attraverso tre importanti certificazioni. La **ISO 9001:2015** attesta la nostra costante ricerca dell'efficienza e del miglioramento nei processi aziendali. Con la **ISO 14001** dimostriamo il nostro impegno volontario nella tutela dell'ambiente, contribuendo a un futuro più sostenibile. Infine, la **ISO 45001** testimonia la nostra attenzione verso la salute e la sicurezza sul lavoro, perché il benessere delle persone è un valore fondamentale per noi.

Our company strives daily to ensure quality, sustainability and safety, values recognized through three major certifications. **ISO 9001:2015** attests our constant pursuit of efficiency and improvement in business processes. With **ISO 14001** we demonstrate our voluntary commitment to environmental protection, contributing to a more sustainable future. Finally, **ISO 45001** attests our focus on occupational health and safety, because people's well-being is a core value for us.



## Approval marks

I prodotti Entity rispettano gli standard Ecodesign e sono registrati nel database EPREL.

L'azienda è membro DALI e certifica prodotti DALI, DALI-2 e D4i per soluzioni smart.

Il sito produttivo è accreditato UL e i prodotti certificati ENEC, a garanzia di qualità e sicurezza.

Entity products meet Ecodesign standards and are registered in the EPREL database. The company is a DALI member and certifies DALI, DALI-2 and D4i products for smart solutions.

The production site is UL accredited and the products ENEC certified, guaranteeing quality and safety.

# PARTNERS

*In un mercato sempre più competitivo, potersi affidare a aziende che contano su partnership di riconosciuto valore costituisce un importante vantaggio.*

In an increasingly competitive market, being able to rely on companies that rely on partnerships of recognized value is an important advantage.

CASAMBI

ARROW



just ask  
amazon alexa

Technology Partner  
**SILVAIR**

Powered by  
**tuya**

works with  
Google Assistant

**CREE** LED

Intelligence  
Inside





LIGHT CONTROLLERS  
**CONTROLLERS**

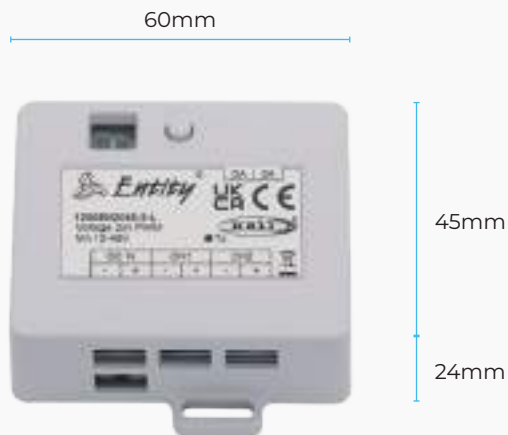
DALI | DMX **10**

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PUSH BUTTON | TOUCHPADS **17**

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## CONTROLLER FEATURES



### DIMENSIONI MINIATURIZZATE MINIATURIZED DIMENSIONS

**Dimensioni estremamente contenute: 60 x 45 x 24mm** |  
Extremely compact dimensions 60 x 45 x 24mm.

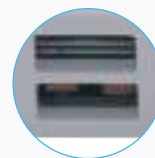
### CONNETTORI A VITE O PUSH-IN DOPPI SCREW OR DOUBLE PUSH-IN CONNECTORS

Completo di connettori a vite per installazioni semplificate o di connettori push-in doppi per la linea di alimentazione e DALI per agevolare la connessione in parallelo di più controller/lampade (looping) | Complete of screw connectors for simplified installations or double push-in connectors for the power and the DALI line to simplify the connection in parallel of more controllers/lamps.

#### EN2056 SCREW



#### EN2056 LOOPING



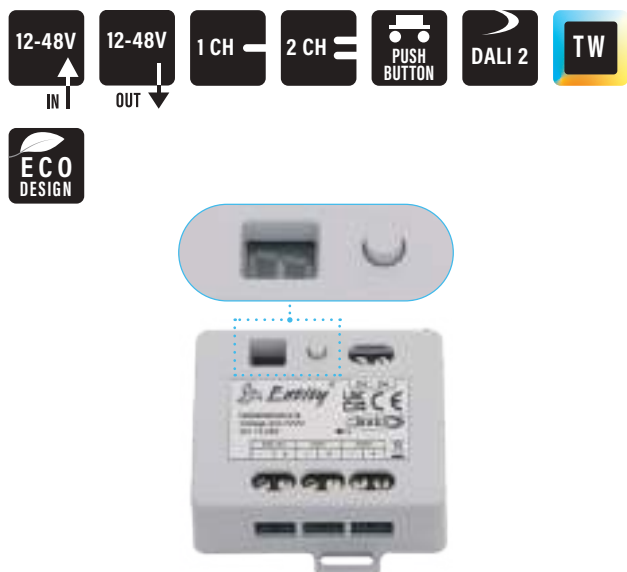
### DISPLAY DIGITALE E PULSANTE DIGITAL DISPLAY AND PUSH BUTTON

Display digitale e pulsante integrato per rilevazione modalità di funzionamento (1 o 2 canali, DT6 DT8), personalizzazione curve di dimmerazione, segnalazione di errori sulla linea DALI ed altro | Digital display and integrated button to easily identify operating mode (1 or 2 channels, DT6 DT8), to customize dimming curves, DALI line errors reporting and more.



## EN2056 CONTROLLER DALI - SCREW

Controller DALI per la gestione di una o due uscite DT6 oppure due uscite DT8 (funzione bianco dinamico). Versione con connettori a vite. | DALI controller for the control of one or two DT6 outputs or two DT8 outputs (tunable white function). Screw clamp connectors version.



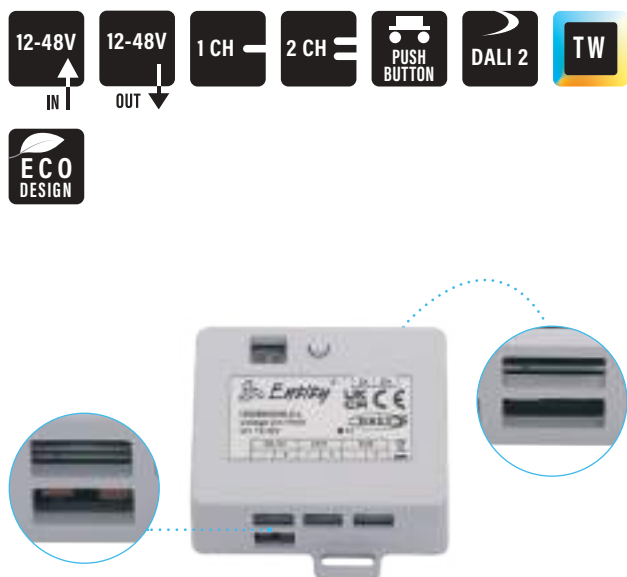
<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 5A max)
<b>Output channels</b>	1 or 2
<b>Bus</b>	DALI
<b>Control inputs</b>	push button
<b>Dimming</b>	0%-100%
<b>Frequency</b>	adjustable from 200hz to 2Khz
<b>Highlights</b>	Display on board - protections against: overheating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	plastic box
<b>Dimensions</b>	60x45x24mm
<b>Approval marks</b>	

### ORDERING CODE

1200EN2056-1-S	1 channel
1200EN2056-2-S	2 channels

## EN2056 CONTROLLER DALI 2CH - LOOPING

Controller DALI per la gestione di una o due uscite DT6 oppure due uscite DT8 (funzione bianco dinamico). Versione con connettori push in doppi per la linea di alimentazione e DALI ed agevolare la connessione in parallelo di più controller/lampade (looping) | DALI controller for the control of one or two DT6 outputs or two DT8 outputs (tunable white function). Version with dual push in connectors for the power and the DALI line and simplify the connection in parallel of more controllers/lamps.



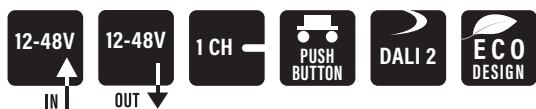
<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 5A max)
<b>Output channels</b>	1 or 2
<b>Bus</b>	DALI
<b>Control inputs</b>	push button
<b>Dimming</b>	0%-100%
<b>Frequency</b>	adjustable from 200Hz to 2kHz
<b>Highlights</b>	Display on board - protections against: overheating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	plastic box
<b>Dimensions</b>	60x45x24mm
<b>Approval marks</b>	

### ORDERING CODE

1200EN2056-2-L

## EN2097 4 IN 1 DIMMER

Dimmer multifunzione 4 in 1 con ingressi DALI2, AC/DC push, 0/1-10V e taglio di fase. Completo di pulsante e display 7SGM per la visualizzazione e selezione della modalità di funzionamento, segnalazione errori linea DALI e impostazione frequenza di uscita. | 4 in 1 multifunction dimmer with DALI2, AC/DC push, 0/1-10V and phase cut inputs. Complete of 7SGM display and button for selection and viewing the operating mode, DALI line error reporting and output frequency setting.



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 10A max)
<b>Output channels</b>	1
<b>Bus</b>	DALI
<b>Control inputs</b>	DALI, AC/DC push, 0/1-10V and phase cut
<b>Dimming</b>	0%-100%
<b>Frequency</b>	from 200Hz to 2kHz
<b>Highlights</b>	Display on board - protections against: over-heating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	plastic box
<b>Dimensions</b>	60x45x24mm
<b>Approval marks</b>	

### ORDERING CODE



1200EN2097-0

NEW

## EN2202 OPTO-INSULATED REPEATER DALI COMPATIBLE

EN2202 è un ripetitore e rigeneratore di segnale compatibile con protocollo DALI, con alimentatore integrato per la linea di uscita. Utilizzato per isolare elettricamente la linea digitale di ingresso da quella di uscita o/e generare un segnale per comandare in broadcast tutte le lampade presenti sul binario. Grazie all'alimentatore integrato non necessita di alimentatore per la linea compatibile DALI di uscita. Compatibile con la serie di binari EVO track (A.A.G. Stucchi) | EN2202 is a signal repeater and regenerator compatible with DALI protocol including an integrated power supply for the output line. Used to electrically isolate the input digital line from the output line or/and generate a signal to broadcast control all the lamps on the track. Thanks to the integrated power supply, there is no need of a power supply for the output DALI compatible line. Compatible with the EVO track series (A.A.G. Stucchi).



<b>Input</b>	48Vdc
<b>Output</b>	Bus DALI 250mA (64 DALI control gears)
<b>Output channels</b>	1
<b>Control inputs</b>	1
<b>Power</b>	10W
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	with cable
<b>Dimensions</b>	211,7x18mm
<b>Approval marks</b>	 

### ORDERING CODE


1200EN2202-001	black
1200EN2202-002	white

NEW

## EN2201 RADAR DETECTION DALI CONTROLLER

EN2201 è un dispositivo multi master DALI. Mette a disposizione un'uscita DALI per l'accensione delle lampade DALI connesse al bus, mediante un sensore di presenza e comandate in broadcast. Compatibile con la serie di binari EVO track (A.A.G. Stucchi) Attraverso due dip switch a 2 livelli è possibile impostare la distanza per il rilevamento (3, 4 o 5 metri), la durata prima dello spegnimento (40' o 80') e l'intensità luminosa in stand-by (0% o 20%). | EN2201 is a DALI multi master device. It provides a DALI output for switching on the DALI lamps connected to the bus, via a presence sensor and commanded via broadcast. Compatible with the EVO track series (A.A.G. Stucchi). Using two 2-level dip switches, it is possible to set the detection distance (3, 4 or 5 metres), the duration before switching off (40' or 80') and the light intensity in stand-by (0% or 20%).



<b>Input</b>	24Vdc - 48Vdc
<b>Output</b>	Bus DALI 150mA (64 DALI control gears)
<b>Output channels</b>	1
<b>Highlights</b>	protections against: voltage peaks
<b>Accessories</b>	Stucchi adapter (white, black)
<b>Dimensions</b>	166,4x18,3mm
<b>Approval marks</b>	

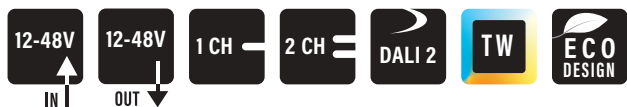
### ORDERING CODE

1200EN2201-001	black
1200EN2201-002	white

# DALI | DMX

## EN2019 DALINAMIC

Controller DALI per la gestione di una o due uscite DALI nelle seguenti modalità (settabili attraverso Dip-switch): DALI DT6 1CH, DALI DT6 2CH, DALI DT8 2CH DALI (funzione bianco dinamico) | DALI controller for the control of one or two DALI outputs in the following modes (settable through Dip-switch): DALI DT6 1CH, DALI DT6 2CH, DALI DT8 2CH DALI (tunable white function).



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 3A max per channel)
<b>Output channels</b>	1 and 2
<b>Bus</b>	DALI
<b>Command</b>	DALI
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	2kHz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5*43,7*22,7mm
<b>Approval marks</b>	

**ORDERING CODE**  
1200EN2019-2DALI-S

## EN1056 CONVERTER DALI>DMX OR DMX>DALI

Convertitore di segnale disponibile in due versioni: da DALI a DMX o da DMX a DALI | Signal converter available in two versions: from DALI to DMX or from DMX to DALI.



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	-
<b>Output channels</b>	-
<b>Bus</b>	DALI or DMX
<b>Command</b>	DALI or DMX
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	-
<b>Highlights</b>	Over voltage input protection
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm
<b>Approval marks</b>	-

**ORDERING CODE**  
1200EN1056-DALI-DMX      DALI>DMX  
1200EN1056-DMX-DALI      DMX>DALI

## EN0995 CONTROLLER DMX

Controller DMX per il controllo di dispositivi di illuminazione con protocollo DMX | DMX controller for the control of lighting fixtures by DMX protocol.



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 2,5A max per channel)
<b>Output channels</b>	4
<b>Bus</b>	DMX
<b>Command</b>	DMX
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - input polarity reversal
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm
<b>Approval marks</b>	-

**ORDERING CODE**  
 1200EN0995-DMX

## EN1162 CONTROLLER DMX/RDM MINI

Controller DMX/RDM per il controllo di dispositivi di illuminazione con protocollo DMX/RDM. Ideale per controllo strip RGB. | DMX/RDM controller for the control of lighting fixtures by DMX/RDM protocol. Ideal for the RGB strip control.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2A max per channel)
<b>Output channels</b>	3
<b>Bus</b>	DMX/RDM
<b>Command</b>	DMX/RDM
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads
<b>Accessories</b>	-
<b>Dimensions</b>	61,5x12mm

### ORDERING CODE

1200EN1162-12	12Vdc
1200EN1162-24	24Vdc

## EN1418 DMX REPEATER

Il ripetitore permette di estendere la portata del segnale DMX in modo da poter collegare fino a 31 dispositivi oltre il numero massimo imposto dalla linea ed oltre alla lunghezza massima dei cavi. Tali ulteriori dispositivi saranno collegati sulla linea generata dal ripetitore stesso | The repeater allows to extend the range of DMX signal in order to connect up to 31 devices more than the maximum quantity set by the line and more than the maximum cables lenght. The additional devices will be connected to the line generated by the repeater.



<b>Input</b>	24Vdc
<b>Output</b>	DMX
<b>Output channels</b>	-
<b>Bus</b>	DMX
<b>Command</b>	DMX
<b>Control inputs</b>	-
<b>Dimming</b>	-
<b>Frequency</b>	-
<b>Highlights</b>	-
<b>Accessories</b>	-
<b>Dimensions</b>	93,5x12mm

### ORDERING CODE

1200EN1418-001
----------------

# PUSH BUTTON | TOUCHPADS

## EN1848 PUSH DALI

DALI master-controller, completo di ingresso per pulsante esterno ed uscita DALI compatibile, genera un segnale DALI compatibile per la gestione in broadcast dei dispositivi DALI collegati in uscita | DALI master-controller, complete of control input for an external push button and DALI compatible output, generates a DALI compatible signal to control in broadcast the DALI control gears applied to the output.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	Bus DALI 180mA (64 DALI control gears)
<b>Output channels</b>	1
<b>Command</b>	external push button
<b>Control inputs</b>	1 push button
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal - bus short circuit. DALI-2 compatible
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5x43,7x22,7mm

**ORDERING CODE**  
1200EN1848-000-F-DALIV48

## EN1658 PUSH NAMIC

Controller per la gestione del bianco dinamico e dim to warm da pulsanti esterni. Funzionalità bianco dinamico (due pulsanti esterni): ON/OFF e dimmerazione da pulsante 1 - impostazione della tonalità di bianco desiderata da pulsante 2. Funzionalità dim to warm (un pulsante esterno): ON/OFF e funzione dim to warm da un pulsante esterno | Tunable white and dim to warm controller from external push button/s. Tunable white function (two external push buttons): ON/OFF and dimming from button 1 - setting of the desired white tonality from button 2. Dim to warm function (one external push button): ON/OFF and dim to warm function from one external push button.



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 2,5A max - 5A max version available on demand)
<b>Output channels</b>	2
<b>Command</b>	External push button/s
<b>Control inputs</b>	2 push buttons
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5x43,7x22,7mm

**ORDERING CODE**  
1200EN1658-000-F-PUSHV48

# PUSH BUTTON | TOUCHPADS

## EN0723 LIGHT SEQUENCER

Controller per impostazione del colore e ciclo colori alla velocità desiderata da pulsanti esterni e/o radiocomando. Possibilità di collegare più sequenziatori e sincronizzarli | Controller for the selection of colors, colors cycle and desired speed from external push buttons and/or radio remote control. Possibility to connect more sequencers and synchronize them.



radio remote control

<b>CV version input</b>	12Vdc-24Vdc
<b>CV version output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max per channel)
<b>CC version input</b>	12Vdc-24Vdc
<b>CC version output</b>	350mA (PWM dimmable - output range 1V-22,5V)
<b>Output channels</b>	3
<b>Bus</b>	-
<b>Command</b>	external push button - radio remote control
<b>Control inputs</b>	3 external push button
<b>Dimming</b>	off, 5%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box - radio remote control
<b>Dimensions</b>	180x42x25mm

### ORDERING CODE

1200EN0723-V	CV version
1200EN0723-V-TC	CV version and radio remote control
1200EN0723-C-035	CC version
1200EN0723-C-035-TC	CC version and radio remote control

## EN0832 TOUCH COLOR RGBW

Centralina touch per il controllo di quattro uscite (RGB+W): selezione del colore, impostazione del livello di luminosità e durata del ciclo colore. Possibilità di controllo da due pulsanti esterni. Installabile su telai 4 posti Vimar e BTicino | Touchpad for the control of four outputs (RGB+W): color setting, brightness level, color cycle speed. Possible the control from two external push buttons. Ideal to be installed into 4-modules Vimar and BTicino mounting frames.



customized graphic for quantities

<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 1A max per output)
<b>Output channels</b>	4
<b>Command</b>	touchpad
<b>Control inputs</b>	2 external buttons for configuration
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads
<b>Accessories</b>	-
<b>Dimensions</b>	see datasheet

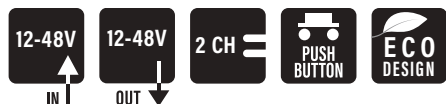
### ORDERING CODE

1200EN0832-A1-RGBW	compatible Vimar Idea
1200EN0832-B1-RGBW	compatible Bticino Axolute
1200EN0832-B2-RGBW	compatible Bticino Living

# PUSH BUTTON | TOUCHPADS

## EN0832 TOUCH LIGHT 2CH

Centralina touch per il controllo di due uscite (bianco caldo e bianco freddo): miscelazione della tonalità di bianco desiderato, impostazione del livello di luminosità e quattro programmi pre-impostati. Possibilità di controllo da due pulsanti esterni. Installabile su telai 4 posti Vimar e BTicino | Touchpad for the control of two outputs (warm white and cold white): setting of the desired white color temperature, brightness level, four pre-setted programs. Possible the control from two external push buttons. Ideal to be installed into 4-modules Vimar and BTicino mounting frames.



customized graphic for quantities

<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 1A max per output)
<b>Output channels</b>	2
<b>Command</b>	touchpad
<b>Control inputs</b>	2 external buttons for configuration
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads
<b>Accessories</b>	-
<b>Dimensions</b>	see datasheet

### ORDERING CODE

1200EN0832-A1-WHITE	compatible Vimar Idea
1200EN0832-B1-WHITE	compatible Bticino Axolute
1200EN0832-B2-WHITE	compatible Bticino Living

## EN0871 TOUCH COLOR DMX

Centralina touch per il controllo di quattro uscite (RGB+W) attraverso segnale DMX: selezione del colore, impostazione del livello di luminosità e durata del ciclo colore. Possibilità di collegare più centraline per il controllo di un sistema complesso. Installabile su telai 4 posti Vimar e BTicino | Touchpad for the control of four outputs (RGB+W) through DMX signal: color setting, brightness level, color cycle speed. Possible to connect more touchpads for a complex system management. Ideal to be installed into 4-modules Vimar and BTicino mounting frames.



customized graphic for quantities

<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (PWM dimmable 1A max per output)
<b>Output channels</b>	4
<b>Bus</b>	DMX
<b>Command</b>	touchpad
<b>Control inputs</b>	2 external buttons for configuration
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads
<b>Accessories</b>	-
<b>Dimensions</b>	see datasheet

### ORDERING CODE

1200EN0871-A1-DMX	compatible Vimar Idea
1200EN0871-B2-DMX	compatible Bticino Living





LIGHT CONTROLLERS  
**DIMMERS**

EXTERNAL PUSH BUTTON	22
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# EXTERNAL PUSH BUTTON

## EN0723 DIMMER 3CH

**Controller per impostazione dell'intensità luminosa desiderata da pulsanti esterni e/o radiocomando. Possibilità di collegare più dimmer e sincronizzarli** | Controller to set light at desired brightness level from external push buttons and/or radio remote control. Possibility to connect more dimmers and synchronize them.



radio remote control

<b>CV version input</b>	12Vdc-24Vdc
<b>CV version output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max per channel)
<b>CC version input</b>	12Vdc-24Vdc
<b>CC version output</b>	350mA (PWM dimmable - output range 1V-22,5V)
<b>Output channels</b>	3
<b>Bus</b>	-
<b>Command</b>	external push button - radio remote control
<b>Control inputs</b>	3 external push button
<b>Dimming</b>	off, 5%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box - radio remote control
<b>Dimensions</b>	180x42x25mm

### ORDERING CODE

1200EN0723-VD	CV version
1200EN0723-VD-TC	CV version and radio remote control
1200EN0723-CD-035	CC version
1200EN0723-CD-035-TC	CC version and radio remote control

## EN0723 COLOR DIMMER 3CH

**Controller per impostazione dell'intensità luminosa e del ciclo colori da pulsanti esterni e/o radiocomando. Possibilità di collegare più dimmer e sincronizzarli** | Controller to set light at desired brightness level and colors cycle from external push buttons and/or radio remote control. Possibility to connect more dimmers and synchronize them.



radio remote control

<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max per channel)
<b>Output channels</b>	3
<b>Bus</b>	-
<b>Command</b>	external push button - radio remote control
<b>Control inputs</b>	3 external push button
<b>Dimming</b>	off, 5%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box - radio remote control
<b>Dimensions</b>	180x42x25mm

### ORDERING CODE

1200EN0723-VR	
1200EN0723-VR-TC	radio remote control

## EXTERNAL PUSH BUTTON

## EN1259 DIMMER 0-10V

Dimmer per impianti dotati di alimentatore con ingresso 0-10V. Collegato direttamente all'alimentatore 0-10V, consente di dimmerare il punto luce dall'interruttore in uso, senza ricorrere ad interventi strutturali o cablaggi | Dimmer for systems with 0-10V power supply. Connected directly to the 0-10V power supply, it makes possible to dim the light source from the switch in use, without structural interventions or cables.



<b>Input</b>	115Vac-230Vac
<b>Output</b>	0-10V
<b>Output channels</b>	1
<b>Bus</b>	0-10V
<b>Command</b>	external push button
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	-
<b>Accessories</b>	-
<b>Dimensions</b>	59x24x22mm

## ORDERING CODE

1200EN1259-115

1200EN1259-230

## EN1310 DIMMER DALI

Dimmer per impianti dotati di alimentatore con ingresso DALI. Collegato direttamente all'alimentatore DALI, consente di dimmerare il punto luce dall'interruttore in uso, senza ricorrere ad interventi strutturali o cablaggi | Dimmer for systems with DALI power supply. Connected directly to the DALI power supply, it makes possible to dim the light source from the switch in use, without structural interventions or cables.



<b>Input</b>	230Vac
<b>Output</b>	Bus DALI 180mA (64 DALI control gears)
<b>Output channels</b>	1
<b>Bus</b>	DALI
<b>Command</b>	external push button
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	DALI compatible
<b>Accessories</b>	-
<b>Dimensions</b>	59x24x22mm

## ORDERING CODE

1200EN1310-230

## EXTERNAL PUSH BUTTON

## EN0801 BOX DIMMER 4A

Dimmer per accensione/spengimento/dimmerazione mediante pressione prolungata da pulsante esterno. Fornito completo di cavi per il collegamento all'alimentazione, all'uscita ed al pulsante esterno per un'installazione facilitata | Dimmer to switch on/off/dim by pressure of the external push button. Supplied complete of power supply, output and external push button cables for an easy installation.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 4A max)
<b>Output channels</b>	1
<b>Command</b>	external push button
<b>Control inputs</b>	1 external push button
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	resined plastic box - cables for easy installation
<b>Dimensions</b>	83x25x19mm

## ORDERING CODE

1200EN0801-BOX

NEW

## EN2185 RGBTW COLOR DIMMER 5CH

EN2185 Dimmer colore 5 canali con controllo della temperatura del colore utilizzando lo standard DT8, le coordinate xy, il supporto per RGBWAF e il primary N. Tutte queste funzionalità forniscono l'accesso a una tavolozza di 16 milioni di colori tra cui scegliere. Inoltre, puoi regolare la luminosità e la temperatura del colore in base alle tue preferenze, permettendoti di creare ambienti personalizzati e accattivanti. | EN2185 5-channel color dimmer with color temperature control using the DT8 standard, xy coordinates, support for RGBWAF and primary N. All these features provide access to a palette of 16 million colors to choose from. In addition, you can adjust the brightness and color temperature according to your preferences, allowing you to create personalized and captivating environments.



<b>Input</b>	12Vdc - 48Vdc
<b>Output</b>	12Vdc - 48Vdc
<b>Output frequency</b>	PWM 245Hz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal - thermal and overvoltage protection
<b>Accessories</b>	Snap-on lids (upon request)
<b>Dimensions</b>	125x41x19,5mm
<b>Approval marks</b>	

## ORDERING CODE

1200EN2185-001

330400659

KIT ACCESSORY FOR BOX 122x38x20mm

# INTEGRATED PUSH BUTTON

## EN0928 DIMMER FOR PROFILES

Dimmer per accensione/spengimento/dimmerazione mediante pressione prolungata del pulsante integrato. Adatto per alloggiamento all'interno di profili LED | Dimmer to switch on/off/dim by pressure of the integrated push button. Ideal to be installed into LED profiles.



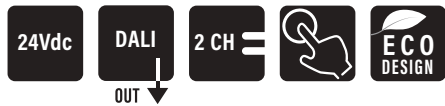
<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated push button
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	-
<b>Dimensions</b>	72x11,5x8,6mm

### ORDERING CODE

1200EN0928

## EN1688 IR OPTICAL TOUCH + DALI

Dimmer ideale per strutture ricettive, ad esempio camere di hotel: attraverso i pulsanti IR a sfioramento, l'ospite può comandare il dispositivo dalla propria stanza (accensione/spengimento/dimmerazione). L'ingresso DALI consente, inoltre, una gestione centralizzata del dispositivo stesso. Il dimmer prevede due pulsanti IR retroilluminati, ogni pulsante IR è associato ad una sola uscita DALI e la comanda individualmente | Dimmer ideal for hospitality, as for example hotel rooms: through the IR buttons, guests can control the lamp (switch on/off/dim); thanks to the DALI input, it is also possible a centralized management. The dimmer installs two IR back-lit buttons, each IR button is associated to a dedicated DALI output and controls it individually.



front

<b>Input</b>	24Vdc
<b>Output</b>	Bus DALI 180mA (64 DALI control gears)
<b>Output channels</b>	2
<b>Bus</b>	DALI
<b>Command</b>	integrated IR buttons
<b>Control inputs</b>	DALI
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes. DALI compatible
<b>Accessories</b>	connectors
<b>Dimensions</b>	100x22x10mm

### ORDERING CODE

1200EN1688-000-0-DALIV24

## EN1667 DIMMER TOUCH

Dimmer per accensione/spengimento/dimmerazione mediante pressione della molla integrata. Adatto per alloggiamento all'interno di profili LED | Dimmer to switch on/off/dim by pressure of the integrated spring. Ideal to be installed into LED profiles.



without connector

<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated spring
<b>Control inputs</b>	-
<b>Dimming</b>	4%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	connectors (optional)
<b>Dimensions</b>	65x11,8x16,8mm no connectors 80x11,8x16,8mm with connectors

### ORDERING CODE

1200EN1667-200-0-0000V24	on/off
1200EN1667-200-1-0000V24	on/off - with connector
1200EN1667-300-0-0000V24	dimmer
1200EN1667-300-1-0000V24	dimmer - with connector

## EN0882 DIMMER TOUCH 1A

Dimmer per accensione/spengimento/dimmerazione mediante sfioramento dell'area touch. Disponibile nella versione resinata IP66/IP68 certificabile | Dimmer to switch on/off/dim by touch of the dedicated area. Available a resined version IP66/IP68 certifiable.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 1A max)
<b>Output channels</b>	1
<b>Command</b>	integrated touch area
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	resined version (optional)
<b>Dimensions</b>	Ø 24mm



back



resined  
versioned

### ORDERING CODE

1200EN0882-01	dimmer
1200EN0882-02	on/off
1200EN0882-03	on/off - resined
1200EN0882-04	dimmer - resined

## EN1060 DIMMER TOUCH 5A

Dimmer per accensione/spengimento/dimmerazione mediante sfioramento dell'area touch | Dimmer to switch on/off/dim by touch of the dedicated area.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated touch area
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	-
<b>Dimensions</b>	Ø 34mm



back

### ORDERING CODE

1200EN1060-001	dimmer
1200EN1060-002	on/off

# IR SENSOR

## EN1059 DIMMER ON/OFF

Dimmer per accensione/spegnimento mediante sfioramento del sensore IR. Adatto per alloggiamento all'interno di profili LED  
 | Dimmer to switch on/off/dim by touch of the IR sensor. Ideal to be installed into LED profiles.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated infrared IR sensor
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	-
<b>Accessories</b>	-
<b>Dimensions</b>	53,5x11,5mm

**ORDERING CODE**  
1200EN1059-02

## EN1059 LIGHT SENSOR

Dimmer ideale per installazione all'interno di mobili, cassetti, ecc. per accensione/spegnimento. Il sensore IR, ad aumenti repentini di luce, gestisce l'accensione automatica del carico LED per una durata di 45 secondi. Adatto per alloggiamento all'interno di profili LED  
 | Dimmer, ideal for furnitures, drawers, etc., to switch on/off. The IR sensor, at light increase, automatically activates LED output for 45 seconds. Ideal to be installed into LED profiles.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated infrared IR sensor
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	-
<b>Accessories</b>	-
<b>Dimensions</b>	53,5x11,5mm

**ORDERING CODE**  
1200EN1059-03

## EN1059 DIMMER & LIGHT SENSOR

Dimmer ideale per installazione all'interno di mobili, cassette, ecc. per accensione/spegnimento/dimmerazione a sfioramento del sensore. Il sensore IR, ad aumenti repentini di luce, gestisce l'accensione automatica del carico LED per una durata di 45 secondi. Adatto per alloggiamento all'interno di profili LED | Dimmer, ideal for furnitures, drawers, etc., to switch on/off/dim by touch-sensitive sensor. The IR sensor, at light increase, automatically activates LED output for 45 seconds. Ideal to be installed into LED profiles.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A max)
<b>Output channels</b>	1
<b>Command</b>	integrated infrared IR sensor
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	-
<b>Accessories</b>	-
<b>Dimensions</b>	53,5x11,5mm

### ORDERING CODE

1200EN1059-01

# MOTION SENSOR

## EN0875 PIR DETECTION

Dimmer per accensione/spengimento automatico del carico LED attraverso rilevazione di presenza del sensore PIR, completo di pulsante integrato per il controllo manuale | Dimmer for automatic switch on/off of the LED light load through detection of presence through PIR sensor.



sensor vertical positioning



sensor horizontal positioning



plastic box

<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A-6A max)
<b>Output channels</b>	1
<b>Command</b>	PIR sensor - integrated push button
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box (optional)
<b>Dimensions</b>	see datasheet

### ORDERING CODE

1200EN0875-SENS	sensor horizontal positioning
1200EN0875-SENSV	sensor vertical positioning
1200EN0875-BOX	plastic box

## EN1067 PIR DETECTION FOR PROFILES

Dimmer per accensione/spengimento automatico del carico LED attraverso rilevazione di presenza del sensore PIR, completo di pulsante integrato per il controllo manuale. Adatto per alloggiamento all'interno di profili LED | Dimmer for automatic switch on/off of the LED light load through detection of presence through PIR sensor. Ideal to be installed into LED profiles.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 2,5A-6A max)
<b>Output channels</b>	1
<b>Command</b>	PIR sensor - integrated push button
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	-
<b>Dimensions</b>	see datasheet

### ORDERING CODE

1200EN1067

## EN1192 SWITCH MOTION

Dimmer per accensione/spengimento automatico del carico LED attraverso rilevazione di presenza del sensore PIR | Dimmer for automatic switch on/off of the LED light load through detection of presence through PIR sensor.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (PWM dimmable 5A max)
<b>Output channels</b>	1
<b>Bus</b>	-
<b>Command</b>	PIR sensor
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	-
<b>Dimensions</b>	Ø 46mm

### ORDERING CODE

1200EN1192-001





LIGHT CONTROLLERS

# DC-DC CONVERTERS

DALI **34**

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ON/OFF **36**

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DIMMABLE **38**

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CV AMPLIFIER **47**

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## DALI

## EN1893 DRIVER DALI MINI

DC/DC converter DALI con uscita programmabile in corrente costante | DALI DC/DC converter with one programmable constant current output.



SLEEVE

<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	100mA-700mA (programmable through DALI master)
<b>Output channels</b>	1
<b>Output range</b>	5Vdc - Vin (-5V)
<b>Bus</b>	DALI
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	PWM 2kHz+analogic
<b>Highlights</b>	protections against: overheating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	45x18mm
<b>Approval marks</b>	

**ORDERING CODE**

1200EN1893-0-2	24Vdc	1200EN1893-0-2-G	24Vdc - sleeve
1200EN1893-0	48Vdc	1200EN1893-0-G	48Vdc - sleeve

## EN1893 DALI MINI INTO TINY BOX

DC/DC converter DALI con uscita programmabile in corrente costante, incasotolato per uso indipendente | DALI DC/DC converter with one programmable constant current output, into box for independent use.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	100mA-700mA (programmable through DALI master)
<b>Output channels</b>	1
<b>Output range</b>	5Vdc - Vin (-5V)
<b>Bus</b>	DALI
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	PWM 2kHz+analogic
<b>Highlights</b>	protections against: overheating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm
<b>Approval marks</b>	

**ORDERING CODE**

1200EN1893-0-24-B-D1	24Vdc, 4 cables front side + 2 cables back side
1200EN1893-0-24-B-D2	24Vdc, 6 cables front side
1200EN1893-0-B-D1	48Vdc, 4 cables front side + 2 cables back side
1200EN1893-0-B-D2	48Vdc, 6 cables front side

## EN1893 DALI MINI INTO TINY BOX IP67

DC/DC converter DALI con uscita programmabile in corrente costante, incasotolato e resinato per uso indipendente | DALI DC/DC converter with one programmable constant current output, into box for independent use and resined.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	100mA-700mA (programmable through DALI master)
<b>Output channels</b>	1
<b>Output range</b>	5Vdc - Vin (-5V)
<b>Bus</b>	DALI
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	PWM 2kHz+analogic
<b>Highlights</b>	protections against: overheating - overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm
<b>Approval marks</b>	

### ORDERING CODE

1200EN1893-0-24-IP-D1	24Vdc, 4 cables front side + 2 cables back side
1200EN1893-0-24-IP-D2	24Vdc, 6 cables front side
1200EN1893-0-IP-D1	48Vdc, 4 cables front side + 2 cables back side
1200EN1893-0-IP-D2	48Vdc, 6 cables front side

## EN1649 DRIVER DALI

DC/DC converter DALI con uscita programmabile in corrente costante | DALI DC/DC converter with one programmable constant current output.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	100mA-1000mA (Dip-switch)
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-5V)
<b>Bus</b>	DALI
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	PWM 3kHz+analogic
<b>Highlights</b>	protections against: overheating - overloads - voltage spikes - input polarity reversal. Hot swappable - precision of the current output +/-1,5%
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5x43,7x22,7mm
<b>Approval marks</b>	

### ORDERING CODE

1200EN1649-200-F-DALIV48

## ON/OFF

## EN2026 ON/OFF MINI

DC/DC converter on/off con uscita in corrente costante | On/off DC/DC converter with one constant current output.



SLEEVE

<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	350mA-500mA-600mA-700mA-900mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	-
<b>Frequency</b>	-
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	15,9x7,9 mm

## ORDERING CODE

1200EN2026-C35	350mA	1200EN2026-C35-G	350mA - sleeve
1200EN2026-C50	500mA	1200EN2026-C50-G	500mA - sleeve
1200EN2026-C60	600mA	1200EN2026-C60-G	600mA - sleeve
1200EN2026-C70	700mA	1200EN2026-C70-G	700mA - sleeve
1200EN2026-C90	900mA	1200EN2026-C90-G	900mA - sleeve

## EN2026 ON/OFF INTO TINY BOX

DC/DC converter on/off con uscita in corrente costante, incasellato per uso indipendente | On/off DC/DC converter with one constant current output, into box for independent use.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	350mA-500mA-600mA-700mA-900mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	-
<b>Frequency</b>	-
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

## ORDERING CODE

1200EN2026-C35-B-1	350mA, 2 cables front side + 2 cables back side
1200EN2026-C50-B-1	500mA, 2 cables front side + 2 cables back side
1200EN2026-C60-B-1	600mA, 2 cables front side + 2 cables back side
1200EN2026-C70-B-1	700mA, 2 cables front side + 2 cables back side
1200EN2026-C90-B-1	900mA, 2 cables front side + 2 cables back side
1200EN2026-C35-B-2	350mA, 4 cables front side
1200EN2026-C50-B-2	500mA, 4 cables front side
1200EN2026-C60-B-2	600mA, 4 cables front side
1200EN2026-C70-B-2	700mA, 4 cables front side
1200EN2026-C90-B-2	900mA, 4 cables front side

## EN2026 ON/OFF INTO TINY BOX IP67

DC/DC converter on/off con uscita in corrente costante, in scatolato e resinato per uso indipendente | On/off DC/DC converter with one constant current output, into box for independent use and resined.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	350mA-500mA-600mA-700mA-900mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	-
<b>Frequency</b>	-
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

### ORDERING CODE

1200EN2026-C35-IP-1	350mA, 2 cables front side + 2 cables back side
1200EN2026-C50-IP-1	500mA, 2 cables front side + 2 cables back side
1200EN2026-C60-IP-1	600mA, 2 cables front side + 2 cables back side
1200EN2026-C70-IP-1	700mA, 2 cables front side + 2 cables back side
1200EN2026-C90-IP-1	900mA, 2 cables front side + 2 cables back side
1200EN2026-C35-IP-2	350mA, 4 cables front side
1200EN2026-C50-IP-2	500mA, 4 cables front side
1200EN2026-C60-IP-2	600mA, 4 cables front side
1200EN2026-C70-IP-2	700mA, 4 cables front side
1200EN2026-C90-IP-2	900mA, 4 cables front side

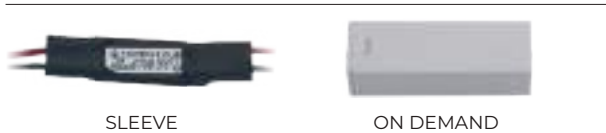
## DIMMABLE

## EN1410 PWM MINI

DC/DC converter PWM con uscita in corrente costante | PWM DC/DC converter with one constant current output.



<b>Input</b>	12Vdc-24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-600mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.2V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 5%-100%
<b>Frequency</b>	600Hz
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	23x8x3,8mm



SLEEVE

ON DEMAND

## ORDERING CODE

1200EN1410-C35	350mA
1200EN1410-C50	500mA
1200EN1410-C60	600mA
1200EN1410-C70	700mA
1200EN1410-C35G	350mA - sleeve
1200EN1410-C50G	500mA - sleeve
1200EN1410-C70G	700mA - sleeve

## EN1410 CONVERTER INTO CABLE GLAND IP66/IP68

DC/DC converter PWM con uscita in corrente costante, integrato nel pressacavo e resinato - certificabile IP66/IP68 | PWM DC/DC converter with constant current output, integrated into the cable gland and resined - IP66/IP68 certifiable.



<b>Input</b>	12Vdc-24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.2V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 5%-100%
<b>Frequency</b>	600Hz
<b>Body</b>	protections against: input polarity reversal
<b>Thread</b>	M16
<b>Cable diameter</b>	cable NT--N for immersion + red/black
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	cable gland
<b>Dimensions</b>	see datasheet

## ORDERING CODE

1200EN1410-C35-R	350mA
1200EN1410-C50-R	500mA
1200EN1410-C70-R	700mA

## EN1868 PWM MINI 1

DC/DC converter PWM con uscita in corrente costante | PWM DC/DC converter with one constant current output.



<b>Input</b>	32Vdc (PWM dimmable)
<b>Output</b>	250mA-350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	600Hz
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	25,3x6,5x3,4mm



sleeve

### ORDERING CODE

1200EN1868-C25	250mA	1200EN1868-C25-G	250mA - sleeve
1200EN1868-C35	350mA	1200EN1868-C35-G	350mA - sleeve
1200EN1868-C50	500mA	1200EN1868-C50-G	500mA - sleeve
1200EN1868-C70	700mA	1200EN1868-C70-G	700mA - sleeve

## EN1868 PWM INTO TINY BOX

DC/DC converter PWM con uscita in corrente costante, inscatolato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use.



<b>Input</b>	32Vdc (PWM dimmable)
<b>Output</b>	250mA-350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	600Hz
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

### ORDERING CODE

1200EN1868-C25-B-1	250mA, 2 cables front side + 2 cables back side
1200EN1868-C35-B-1	350mA, 2 cables front side + 2 cables back side
1200EN1868-C50-B-1	500mA, 2 cables front side + 2 cables back side
1200EN1868-C70-B-1	700mA, 2 cables front side + 2 cables back side
1200EN1868-C25-B-2	250mA, 4 cables front side
1200EN1868-C35-B-2	350mA, 4 cables front side
1200EN1868-C50-B-2	500mA, 4 cables front side
1200EN1868-C70-B-2	700mA, 4 cables front side



## DIMMABLE

## EN1868 PWM INTO TINY BOX IP67

DC/DC converter PWM con uscita in corrente costante, in scatolato e resinato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use and resined.



<b>Input</b>	32Vdc (PWM dimmable)
<b>Output</b>	250mA-350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	600Hz
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

## ORDERING CODE

1200EN1868-C25-IP-1	VZ
1200EN1868-C35-IP-1	350mA, 2 cables front side + 2 cables back side
1200EN1868-C50-IP-1	500mA, 2 cables front side + 2 cables back side
1200EN1868-C70-IP-1	700mA, 2 cables front side + 2 cables back side
1200EN1868-C25-IP-2	250mA, 4 cables front side
1200EN1868-C35-IP-2	350mA, 4 cables front side
1200EN1868-C50-IP-2	500mA, 4 cables front side
1200EN1868-C70-IP-2	700mA, 4 cables front side

## EN1868 CONVERTER INTO CABLE GLAND IP68

Dalla collaborazione con la prestigiosa azienda italiana TECHNO, leader nella progettazione e produzione di connessioni elettriche IP68 ad elevata affidabilità, nasce il primo pressacavo IP68 con driver Entity integrato. Un'altra novità che consentirà di velocizzare e facilitare i collegamenti elettrici ed offrire un servizio sempre più completo | From the prestigious cooperation with the italian company TECHNO, leader in designing and production of highly reliable IP68 electrical connections, is born the first IP68 cable gland with integrated driver. Another novelty that will allow to speed up and facilitate electrical connections and offer an increasingly complete service.



<b>Input</b>	32Vdc (PWM dimmable)
<b>Output</b>	250mA-350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 2%-100%
<b>Frequency</b>	600Hz
<b>Techno cable gland</b>	TH450 series
<b>Body</b>	Technopolymer material PA66 - PA66 UL94 V2 GWT 850°C (corrosion resistance)
<b>Thread</b>	M16
<b>Cable diameter</b>	4.0mm min. - 7.5mm max
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	cable gland
<b>Dimensions</b>	see datasheet

## ORDERING CODE

1200EN1868-C25-R	250mA
1200EN1868-C35-R	350mA
1200EN1868-C50-R	500mA
1200EN1868-C70-R	700mA



**NEW** EN1868 CO MOLDED

EN1868 CO-MOLDED DC/DC converter PWM con uscita in corrente costante realizzato con costampaggio impermealizzante (IP67) | PWM DC/DC converter with one constant current output made with waterproof co-molding (IP67).



<b>Input</b>	32Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-1.5V)
<b>Control inputs</b>	-
<b>Dimming</b>	off, 1%-100%
<b>Frequency</b>	600Hz
<b>Highlights</b>	protections against: input polarity reversal
<b>Accessories</b>	with cables
<b>Approval marks</b>	-

**ORDERING CODE**

1200EN1868-C35-CM	350mA
1200EN1868-C50-CM	500mA
1200EN1868-C70-CM	700mA

NOTE: other current on-demand

## DIMMABLE

## EN1798 PWM 1,2A WITH CONNECTORS

DC/DC converter PWM con uscita in corrente costante | PWM DC/DC converter with one constant current output.



back

<b>Input</b>	24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1050mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5kHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	connectors on the back
<b>Dimensions</b>	33,25x13,9x9,5mm

## ORDERING CODE

1200EN1798-C35-CONN	350mA
1200EN1798-C50-CONN	500mA
1200EN1798-C70-CONN	700mA
1200EN1798-M05-CONN	1050mA
1200EN1798-M20-CONN	1200mA

## EN1798 PWM 1,2A

DC/DC converter PWM con uscita in corrente costante | PWM DC/DC converter with one constant current output.



<b>Input</b>	24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1050mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5kHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	33,25x13,9x7,5mm

## ORDERING CODE

1200EN1798-C35-0	350mA	1200EN1798-C35-0-G	350mA - sleeve
1200EN1798-C50-0	500mA	1200EN1798-C50-0-G	500mA - sleeve
1200EN1798-C70-0	700mA	1200EN1798-C70-0-G	700mA - sleeve
1200EN1798-M05-0	1050mA	1200EN1798-M05-0-G	1050mA - sleeve
1200EN1798-M20-0	1200mA	1200EN1798-M20-0-G	1200mA - sleeve



sleeve

## EN1798 PWM 1,2A INTO TINY BOX

DC/DC converter PWM con uscita in corrente costante, inscatolato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use.



<b>Input</b>	24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1000mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5KHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

### ORDERING CODE

1200EN1798-C35-B-1	350mA, 2 cables front side + 2 cables back side
1200EN1798-C50-B-1	500mA, 2 cables front side + 2 cables back side
1200EN1798-C70-B-1	700mA, 2 cables front side + 2 cables back side
1200EN1798-M00-B-1	1000mA, 2 cables front side + 2 cables back side
1200EN1798-M20-B-1	1200mA, 2 cables front side + 2 cables back side
1200EN1798-C35-B-2	350mA, 4 cables front side
1200EN1798-C50-B-2	500mA, 4 cables front side
1200EN1798-C70-B-2	700mA, 4 cables front side
1200EN1798-M00-B-2	1000mA, 4 cables front side
1200EN1798-M20-B-2	1200mA, 4 cables front side

## EN1798 PWM 1,2A INTO TINY BOX IP67

DC/DC converter PWM con uscita in corrente costante, inscatolato e resinato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use and resined.



<b>Input</b>	24Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1000mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	2Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5KHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

### ORDERING CODE

1200EN1798-C35-IP-1	350mA, 2 cables front side + 2 cables back side
1200EN1798-C50-IP-1	500mA, 2 cables front side + 2 cables back side
1200EN1798-C70-IP-1	700mA, 2 cables front side + 2 cables back side
1200EN1798-M00-IP-1	1000mA, 2 cables front side + 2 cables back side
1200EN1798-M20-IP-1	1200mA, 2 cables front side + 2 cables back side
1200EN1798-C35-IP-2	350mA, 4 cables front side
1200EN1798-C50-IP-2	500mA, 4 cables front side
1200EN1798-C70-IP-2	700mA, 4 cables front side
1200EN1798-M00-IP-2	1000mA, 4 cables front side
1200EN1798-M20-IP-2	1200mA, 4 cables front side

## DIMMABLE

## EN1915 PWM 24V-48V

DC/DC converter PWM con uscita in corrente costante | PWM DC/DC converter with one constant current output.



SLEEVE

<b>Input</b>	24Vdc-48Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1000mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5kHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	sleeve (optional)
<b>Dimensions</b>	48,5x15x7mm (box: 64x16mm Ø19mm)

## ORDERING CODE

1200EN1915-C35	350mA	1200EN1915-C35-GA	350mA - sleeve
1200EN1915-C50	500mA	1200EN1915-C50-GA	500mA - sleeve
1200EN1915-C70	700mA	1200EN1915-C70-GA	700mA - sleeve
1200EN1915-M00	1000mA	1200EN1915-M00-GA	1000mA - sleeve
1200EN1915-M20	1200mA	1200EN1915-M20-GA	1200mA - sleeve

## EN1915 PWM 24V-48V INTO TINY BOX

DC/DC converter PWM con uscita in corrente costante, incasellato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use.



<b>Input</b>	24Vdc-48Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1000mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5kHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

## ORDERING CODE

1200EN1915-C35-B-1	350mA, 2 cables front side + 2 cables back side
1200EN1915-C50-B-1	500mA, 2 cables front side + 2 cables back side
1200EN1915-C70-B-1	700mA, 2 cables front side + 2 cables back side
1200EN1915-M00-B-1	1000mA, 2 cables front side + 2 cables back side
1200EN1915-M20-B-1	1200mA, 2 cables front side + 2 cables back side
1200EN1915-C35-B-2	350mA, 4 cables front side
1200EN1915-C50-B-2	500mA, 4 cables front side
1200EN1915-C70-B-2	700mA, 4 cables front side
1200EN1915-M00-B-2	1000mA, 4 cables front side
1200EN1915-M20-B-2	1200mA, 4 cables front side

## EN1915 PWM 24V-48V INTO TINY BOX IP67

DC/DC converter PWM con uscita in corrente costante, inscatolato e resinato per uso indipendente | PWM DC/DC converter with one constant current output, into box for independent use and resined.



<b>Input</b>	24Vdc-48Vdc (PWM dimmable)
<b>Output</b>	350mA-500mA-700mA-1000mA-1200mA
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-4)
<b>Control inputs</b>	-
<b>Dimming</b>	0%-100%
<b>Frequency</b>	up to 5KHz
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	Tiny box
<b>Dimensions</b>	20,50x20,50x65mm

### ORDERING CODE

<b>1200EN1915-C35-IP-1</b>	350mA, 2 cables front side + 2 cables back side
<b>1200EN1915-C50-IP-1</b>	500mA, 2 cables front side + 2 cables back side
<b>1200EN1915-C70-IP-1</b>	700mA, 2 cables front side + 2 cables back side
<b>1200EN1915-M00-IP-1</b>	1000mA, 2 cables front side + 2 cables back side
<b>1200EN1915-M20-IP-1</b>	1200mA, 2 cables front side + 2 cables back side
<b>1200EN1915-C35-IP-2</b>	350mA, 4 cables front side
<b>1200EN1915-C50-IP-2</b>	500mA, 4 cables front side
<b>1200EN1915-C70-IP-2</b>	700mA, 4 cables front side
<b>1200EN1915-M00-IP-2</b>	1000mA, 4 cables front side
<b>1200EN1915-M20-IP-2</b>	1200mA, 4 cables front side

## DIMMABLE

## EN1092 CONVERTER - PWM INPUT

DC/DC converter PWM con quattro uscite in corrente costante | PWM DC/DC converter with four constant current outputs.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	350mA - 500mA - 700mA
<b>Output channels</b>	4
<b>Output range</b>	1Vdc - Vin (-2)
<b>Bus</b>	PWM
<b>Control inputs</b>	4 PWM opto-isolated (2-10mA)
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm

## ORDERING CODE

1200EN1092-A-350 350mA

## EN1106 DRIVER - PWM INPUT

DC/DC converter PWM con quattro uscite in corrente costante | PWM DC/DC converter with four constant current outputs.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	350mA-500mA-700mA
<b>Output channels</b>	4
<b>Output range</b>	1Vdc - Vin (-2)
<b>Bus</b>	PWM
<b>Control inputs</b>	4 PWM opto-isolated (2-10mA)
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm

## ORDERING CODE

1200EN1106-A-350  
 1200EN1106-A-500  
 1200EN1106-A-700

## EN0853 AMPLIFIER 1

Amplificatore di tensione PWM con una uscita | PWM constant voltage amplifier with one output.



<b>Input</b>	12Vdc-48Vdc
<b>Output</b>	12Vdc-48Vdc (4A max)
<b>Output channels</b>	1
<b>Output range</b>	1Vdc - Vin (-5)
<b>Bus</b>	PWM
<b>Control inputs</b>	1 PWM opto-isolated (2-10mA)
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes - input polarity reversal
<b>Accessories</b>	-
<b>Dimensions</b>	55x21x13,4mm

**ORDERING CODE**  
 1200EN0853-V48-V-PWM-4A

## EN1010 AMPLIFIER 3

Amplificatore di tensione PWM con tre uscite | PWM constant voltage amplifier with three outputs.



<b>Input</b>	12Vdc-24Vdc
<b>Output</b>	12Vdc-24Vdc (5A max per channel)
<b>Output channels</b>	3
<b>Output range</b>	1Vdc - Vin (-1)
<b>Bus</b>	PWM
<b>Control inputs</b>	3 PWM opto-isolated (4-5mA)
<b>Dimming</b>	0%-100%
<b>Frequency</b>	200Hz
<b>Highlights</b>	protections against: overloads - voltage spikes
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm

**ORDERING CODE**  
 1200EN1010-A-V24





LIGHT CONTROLLERS  
**TOOLS**



**PHANTOM**  
DIM

**MICRODRIVER48**

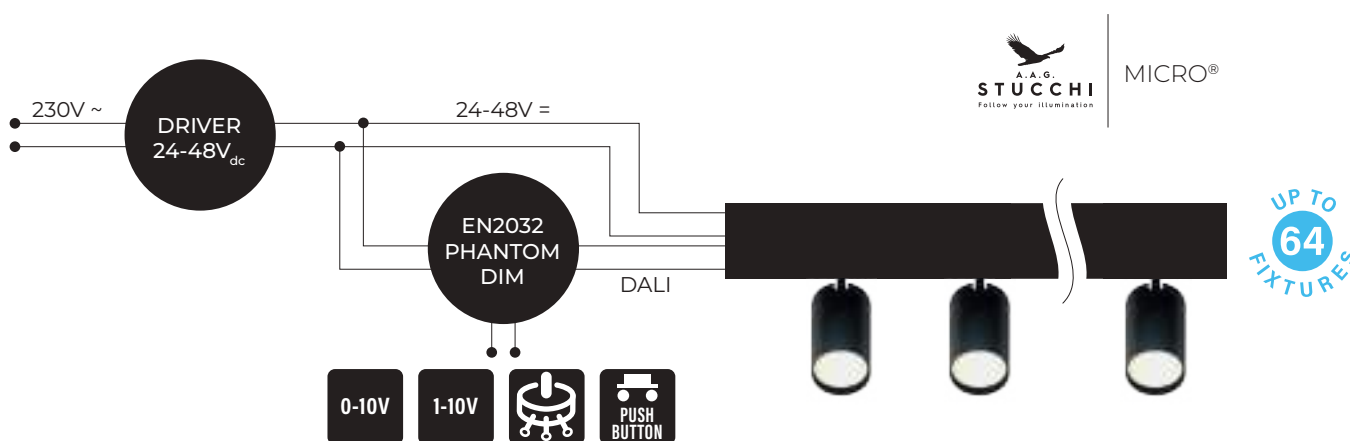
## EN2032 PHANTOM DIM

Entity presenta PHANTOM, un sistema proprietario composto da un'interfaccia 0-10V, 1-10V, push, potenziometro e relativi driver per la dimmerazione, in broadcast, degli apparecchi di illuminazione su binari a bassa tensione MICRO® di A.A.G. Stucchi. Il sistema, oltre che rendere possibile il controllo di binari MICRO® con protocollo 0-10V 1-10V, fa da isolamento elettrico (SELV) nel rispetto della normativa UL. | Entity presents PHANTOM, a proprietary system consisting of a 0-10V, 1-10V, push, potentiometer interface and related drivers for dimming, in broadcast, of lighting fixtures on MICRO® low voltage tracks by A.A.G. Stucchi. The system, as well as making possible the control of MICRO® tracks with 0-10V 1-10V protocol, acts as electrical insulation (SELV) in compliance with the UL regulations.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	bus (64 control gears)
<b>Output channels</b>	-
<b>Bus</b>	DALI
<b>Command</b>	0-10V 1-10V-push-potentiometer
<b>Control inputs</b>	4
<b>Dimming</b>	0%-100% or 10%-100%
<b>Frequency</b>	-
<b>Highlights</b>	protections against: overheating - overloads - voltage spikes - input polarity reversal. Hot swappable
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5x43,7x22,7mm
<b>Approval marks</b>	-

**ORDERING CODE**  
1200EN2032-001



**MICRODRIVER EN1950 DALI**  
in the fixtures

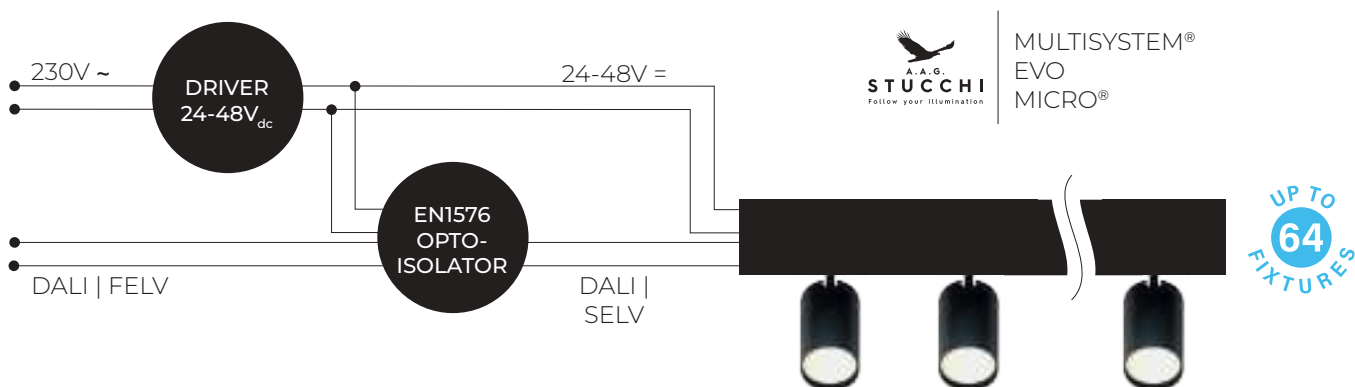
## EN1576 OPTO-ISOLATOR DALI

Ripetitore e rigeneratore di segnale compatibile con protocollo DALI-2, con alimentatore integrato per la linea DALI di uscita. Utilizzato per estendere o/e per isolare elettricamente la linea digitale di ingresso da quella di uscita e trasformare il segnale DALI Felv in Selv. | Signal repeater and regenerator compatible with DALI-2 protocol complete of integrated power supply for the output DALI line. It's used to extend or/and to electrically isolate the digital input line from output line and to transform the DALI Felv signal in Selv..



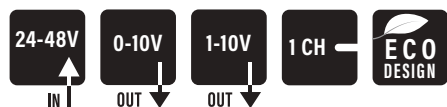
<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	Bus DALI 250mA (64 DALI control gears)
<b>Output channels</b>	1
<b>Control inputs</b>	1
<b>Power consumption</b>	10W
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal. DALI-2 compatible
<b>Accessories</b>	plastic box
<b>Dimensions</b>	180x42x25mm
<b>Approval marks</b>	

**ORDERING CODE**  
1200EN -1RP-0-DALIV48



## EN1814 OPTO-ISOLATOR 0-10V 1-10V

Ripetitore e rigeneratore di segnale compatibile con protocollo 0-10V 1-10V, con alimentatore integrato per la linea del segnale di uscita. Utilizzato per estendere o/e per isolare elettricamente la linea digitale di ingresso da quella di uscita | Signal repeater and regenerator compatible with 0-10V 1-10V protocol, complete of integrated power supply for the output signal line. It's used to extend or/and to electrically isolate the digital input line from output line.



<b>Input</b>	24Vdc-48Vdc
<b>Output</b>	0-10V 1-10V 50mA (40 control gears)
<b>Output channels</b>	1
<b>Control inputs</b>	1
<b>Power consumption</b>	1,5W
<b>Highlights</b>	protections against: voltage spikes - input polarity reversal
<b>Accessories</b>	plastic box
<b>Dimensions</b>	104,5x43,7x22,7mm
<b>Approval marks</b>	

**ORDERING CODE**  
1200EN1814-000-F-0010V48

# SUMMARY

# LIGHT CONTROLLERS

## CONTROLLERS

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*Le informazioni contenute nel presente catalogo sono indicative e potrebbero subire variazioni. Per le specifiche tecniche, fare riferimento al Datasheet del prodotto.*

The information contained in this catalogue are approximate and may vary. For technical specifications, refer to the product Datasheet.



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