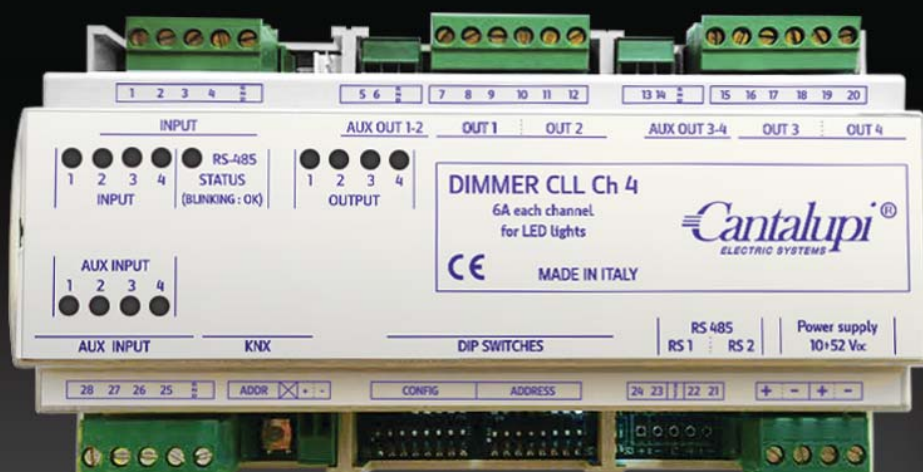


DIMMER CLL CH4



Electronic device to perform light control upon several types of lamps



FEATURES:



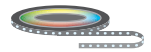
RGB+W



Dynamic White



Dimmer



Strip LED

Power Supply:

24 V_{DC} (Voltage range 10÷52 V_{DC}).

Current consumption:

50 mA (No Load on output).

Type of LEDs controlled:

LED / StripLED
(Monochromatic; RGB; RGB+W)

Other type of load controllable:

incandescent and halogen lamps

N° Input: 4+4, "dry-contact" type

N° 4 pushbutton (Normally Open) type for output control

N° 4 pushbutton (Normally Open) type for managing default scenarios

N° Output: 4

Max Output Power for each channel:

140 W @24 V_{DC}

Dimmer mode: PWM @300 Hz

Hardware RS 485

Protocol: DMX512; MODBUS; EIB-KNX

Operating channel LED:

for each input and output channel

Electric Protection (from external spikes):

25A fuse not removable

Electronic Protection (for output channels):

auto resettable electronic fuse for each channel.

A self-limiting current flows rises when current overload (or output LED shortcut) occurs

Terminals:

removable; multicore wires
(up to 2,5 mm² / 12 AWG)

Protection level: IP 20

Materiale (case):

v-0; (according UL-94, on request)

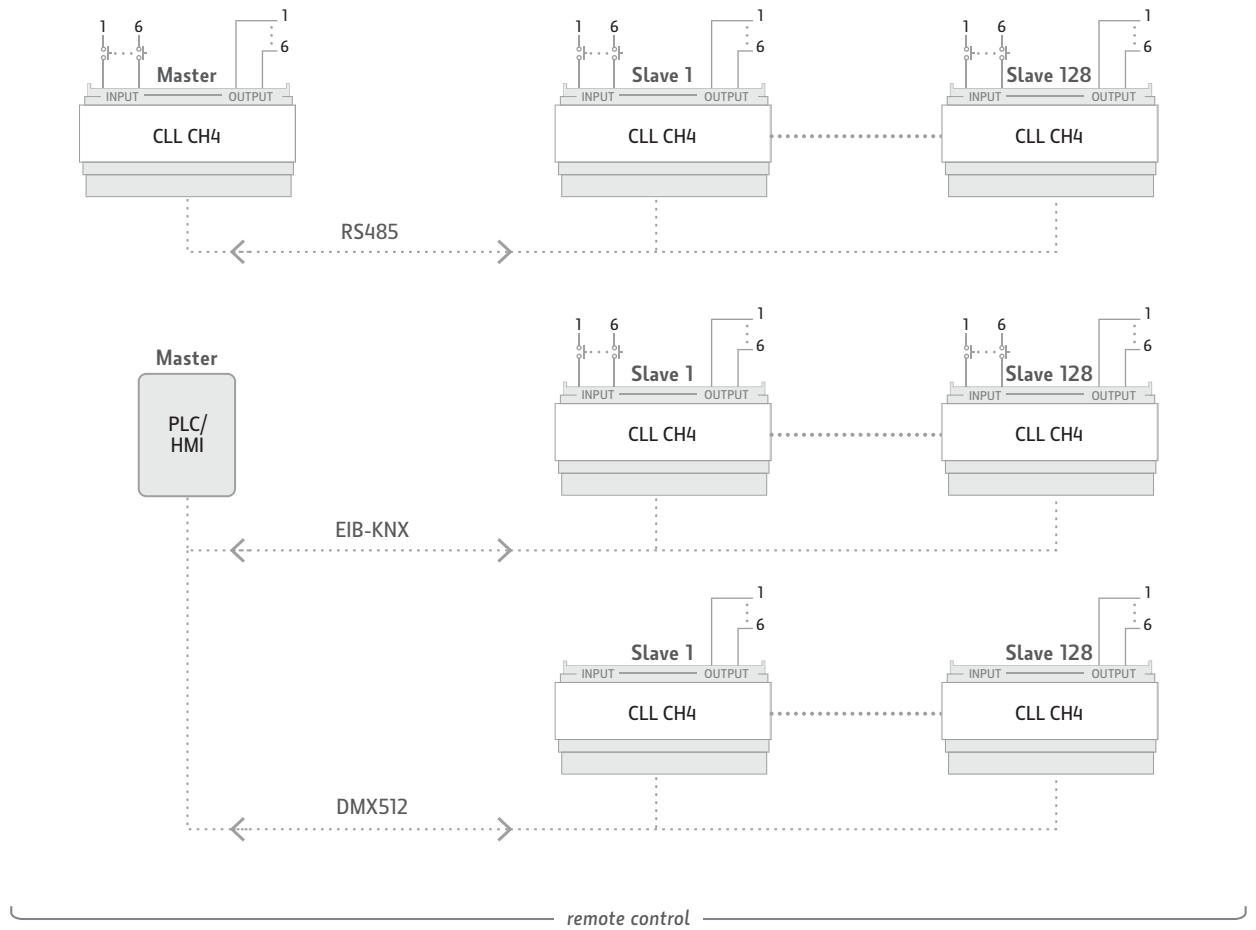
Accordance technical law:

CE for marine device (CEI-EN 60945 4th ed.)

Dimensions WxHxD (mm) / DIN modules:

160x98x60 / 9 DIN modules

Mounting: DIN; Wall



FEATURES

Default scenarios controlled by traditional pushbutton:

ALL ON; ALL OFF; ALL 50%; ALL 10%

Dynamic White control:

provides white mix for all colours temperatures supported by lamps.

Soft start (ramp light):

provides proportional increase (decrease) of the brightness until max (min) value set.

Single pushbutton can control up to 4 channels.

Single Pushbutton increasing power:

1 Master can control up to 128 slaves.

Push-Pull Control System:

avoid random flickering when channel are heavy loaded about max capacity

Additional functions are available (by MODBUS-RTU only) to increase creativity of designers and customers experience about emotions of lights.

(further) Function:	Read for monitoring system feedback	Write
1) Selected Brightness	ok	ok
2) Min. brightness by pushbuttons	ok	ok
3) Max. brightness by pushbuttons	ok	ok
4) Lights variation speed	ok	ok
5) Pushbutton inhibition	ok	ok
6) Latch Register Light Intensity	ok	ok
7) RGB: enhanced mode control	ok	ok
8) Voltage Power Supply	ok	na
9) Temperature internal case	ok	na



DIMMER CLL ch.4

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