

# LED lighting control

## CONTROL SYSTEMS



### TRE-V1-0101-F - Touch dimmer, 1 zone



**Transmitter:** touch switch and dimmer, 1 zone, intelligent, RF signal transmission  
Compatible with the receivers  
TRE-P1-0101-8 and TRE-P1-0104-8

code: **00203209**

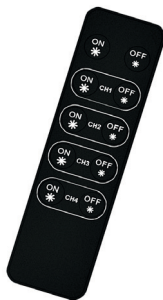
**Receiver TRE-P1-0101-8:** 1 channel, PWM, max. 8A, push dim input, 12-36V DC

code: **00203212**

**Receiver TRE-P1-0104-8:** 4 synchronous channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

### TRE-V1-0104-CH - Dimmer, 1 zone, 4 independent channels



**Transmitter:** button switch and dimmer, 1 zone, 4 independent channels, intelligent, RF signal transmission  
Compatible with the receiver  
TRE-01-0104-8

code: **00203206**

**Receiver TRE-P1-0104-8:** 4 independent channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

### TRE-V1-0401-Z - Dimmer, 4 zones



**Transmitter:** button switch and dimmer, 4 zones, intelligent, RF signal transmission  
Compatible with the receivers  
TRE-P1-0101-8 and TRE-P1-0104-8

code: **00203207**

**Receiver TRE-P1-0101-8:** 1 channel, PWM, max. 8A, push dim input, 12-36V DC

code: **00203212**

**Receiver TRE-P1-0104-8:** 4 synchronous channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

## TRE-V1-1001 - Dimmer, 10 zones



**Transmitter:** button switch and dimmer, 10 zones, intelligent, RF signal transmission  
Compatible with the receivers  
TRE-P1-0101-8 and TRE-P1-0104-8

code: **00203208**

**Receiver TRE-P1-0101-8:** 1 channel, PWM, max. 8A, push dim input, 12-36V DC

code: **00203212**

**Receiver TRE-P1-0104-8:** 4 synchronous channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

## TRE-P1-xxx - Receivers compatible with the transmitters TRE-V1-xxx



**Receiver TRE-P1-0101-8:** 1-channel, push dim input  
Input Voltage: 12-36V DC  
Output Current: 1 channel max. 8A (12V - max. 96W, 24V - max. 192W), PWM  
Compatible with intelligent dimmer transmitters

code: **00203212**



**Receiver TRE-P1-0104-8:** 4-channel, push dim input  
Input Voltage: 12-36V DC  
Output Current: 4 channels max. 8A/channel (12V - max. 96W/channel, 24V - max. 192W/channel), PWM  
Compatible with intelligent transmitters, the function is determined by the paired transmitter: 1-channel or multiple-channel dimming, CCT, RGB, RGBW

code: **00203205**

## TRE-V4-0102-CW/W-Z - For color temperature adjustment, 1 zone



**Transmitter:** remote control for variable brightness and color temperature (CCT, or CTA, or TW), 1 zone, intelligent, RF signal transmission  
Compatible with the receiver  
TRE-P4-0102-8-CW/TW

code: **00203218**

**Receiver TRE-P4-0102-8-CW/W:** 2x2 inverted channels, PWM, max. 8A/channel, 12-36C DC

code: **00203213**

## TRE-V4-0602-CW/W-B - For color temperature adjustment, 6 zones



**Transmitter:** remote control for variable brightness and color temperature (CCT, or CTA, or TW), 6 zones, intelligent, RF signal transmission  
Compatible with the receiver  
TRE-P4-0102-8-CW/CW

code: **00203217**

**Receiver TRE-P4-0102-8-CW/W:** 2x2 inverted channels, PWM, max. 8A/channel, 12-36C DC

code: **00203213**

## TRE-P4-0102-8-CW/W - Receiver for CCT transmitters TRE-V4-0102-CW/W-Z a TRE-V4-0602-CW/W-B



**Receiver TRE-P4-0102-8-CW/W:** for color temperature adjustment, 2x2 inverted channels  
Input Voltage: 12-36V DC  
Output Current (CCT): 2x2 inverted channels, max. 8A/ch (12V - max. 96W/ch, in total max. 192W, 24V - max. 192W/ch, in total max. 384W), PWM  
Compatible with intelligent transmitters TRE-V4-0102-CW/W-Z and TRE-V4-0602-CW/W-B

code: **00203213**

## EFFECT MODULE RGB REMOTE 20 BUTTONS - A set of RGB transmitter and receiver



**Transmitter:** RGB, 1 zone, flat, resistant membrane keypad with 20 buttons, color setting, fading effects, RF signal transmission

code: **00200818**

**Receiver:** RGB  
Input Voltage: 12-24V DC  
Output Current: 3 channels RGB, PWM, max. 4A/ch (12V - in total max. 144W, 24V - in total max. 288W)

## TRE-V6-0404-RGBW - RGBW, 4 zones



**Transmitter:** RGBW button remote control, 4 zones, intelligent, RF signal transmission  
Compatible with intelligent RGB receiver TRE-P6-0104-8-RGBW

code: **00203947**



**Receiver TRE-P6-0104-8-RGBW:** 3 channels RGB + 1 independent white channel, intelligent  
Input Voltage: 12-36V DC  
Output Current: 3 RGB ch + 1 white ch, PWM, max. 8A/ch (12V - RGB in total max. 288W + white 96W, 24V - RGB in total max. 576W + white 192W)  
Compatible with intelligent RGB transmitter TRE-V6-0404-RGBW

code: **00203946**

## TRE-V1-0101-S - Dimmer, 1 zone, desk controller



**Transmitter:** desk switch and dimmer with turning wheel, 1 zone, intelligent, RF signal transmission  
Compatible with intelligent receivers TRE-P1-0101-8 and TRE-P1-0104-8

code: **00203211**

**Receiver TRE-P1-0101-8:** 1 channel, PWM, max. 8A, push dim input, 12-36V DC

code: **00203212**

**Receiver TRE-P1-0104-8:** 4 synchronous channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

## TRE-V1-0101-K - Dimmer, 1 zone, on wall



**Transmitter:** switch and dimmer with turning wheel on wall, 1 zone, intelligent, RF signal transmission  
Compatible with intelligent receivers  
TRE-P1-0101-8 and TRE-P1-0104-8

code: **00203210**

**Receiver TRE-P1-0101-8:** 1 channel, PWM, max. 8A, push dim input, 12-36V DC

code: **00203212**

**Receiver TRE-P1-0104-8:** 4 synchronous channels, PWM, max. 8A/channel, push dim input, 12-36V DC

code: **00203205**

## EFFECT MODULE DIMMER REMOTE - Dimmer, a set of transmitter and receiver with turning wheel



**Transmitter:** switch and dimmer, 1 zone, resistant membrane keypad, IR signal transmission

code: **00200836**

**Receiver:** on wall box with turning wheel 1 zone,  
Input Voltage: 12-24V DC  
Output Current: 1 channel, PWM, max. 8A  
(12V - max. 96W, 24V - max. 192W)

## PWM GENERATOR TRON BOX - Dimmer, on wall box



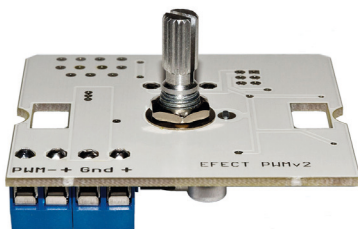
Manual switch and dimmer, on wall box with turning wheel

code: **00203440**

Input Voltage: 9-28V DC

Output Current: 1 channel, PWM, max. 10A  
(12V - max. 120W, 24V - max. 240W)

## PWM GENERATOR TRON - Dimmer, bare PCB



Manual PWM rotary dimmer, 1 channel, without turning wheel knob

code: **00202474**

To be assembled in a design installation box

Input Voltage: 9-28V DC

Output Current: 1 channel, PWM, max. 10A  
(12V - max. 120W, 24V - max. 240W)

## TRE-Z-0101-24 - Amplifier / PWM repeater, 1 channel



Designed to expand power output or for connecting another power supply, mainly for one color LED systems, connected between power supply and load  
Input voltage: 12-24V DC

code: **00204027**

Output Current: 1 channel, PWM, max. 24A  
(12V - in total max. 288W, 24V - in total max. 576W)

## EFFECT MODULE AMPLIFIER- Amplifier / PWM repeater, 3 channels



Designed to expand power output or for connecting another power supply, mainly for RGB, connected between power supply and load  
Input Voltage: 12-24V DC  
Output Current: 3 independent channels, PWM, max. 4A/channel (12V - max. 48W/ch, RGB max. 144W, 24V - max. 96W/ch, RGB max. 288W)

code: **0000039**

## TRE-Z-0104-8 - Amplifier / PWM repeater, 4 channels



Designed to expand power output or for connecting another power supply, mainly for RGBW, connected between power supply and load  
Input Voltage: 12-24V DC  
Output Current: 4 independent channels, PWM, max. 8A/ch (12V - max. 96W/ch, 24V - max. 192W/ch)

code: **0020339**

## TRE-1-10/PWM-0101-8 - LED dimmer, 0-10V or 1-10V to PWM converter, 1 channel



Input Voltage: 12-36V DC  
Input: 1x signal 0-10V or 1-10V  
Output: 1 channel, PWM, max. 8A (12V - max. 96W, 24V - max. 192W)

code: **00204026**

## EFFECT 0/1-10V/PWM DIN - Dimmer, 0-10V or 1-10V to PWM converter, 4 channels



Din rail mounted.  
Input: 4x signal 0-10V or 1-10V  
Input Voltage: 12-36V DC  
Output Current: 4 channels, PWM, max. 5A/channel (12V - max. 60W/channel, 24V - max. 120W/channel)

code: **00205049**

## EFFECT 4CH DMX512/PWM - DMX512/PWM converter, 4 channels



For 4 one color channels, CCT, RGB or RGBW  
Input Voltage: 12-24Vdc  
Input: DMX512 - 4 addresses  
Output: 4 channels, max. 4A/channel, PWM, (12V - max. 48W/channel, 24V - max. 96W/channel)

code: **00201044**

## DALI DAP-04 EU - DALI/PWM converter for MEAN WELL power supplies, 4 channels



To control MEAN WELL power supplies with built-in 3in1 dimming function  
Input Voltage: 90-305V AC  
Input: DALI - 4 addresses, push dim  
Outputs: 4 channels, selectable transfer characteristics and active high or low, Built-in relay for ON/OFF control of LED power supply

code: **00205262**

## DALI LT-401-12A - DALI/PWM converter, 1 channel



Input: DALI - 1 address  
Input Voltage: 12-24V DC  
Outputs:  
1 channel, PWM, max.12A  
(12V - max.144W, 24V - max. 288W)  
signal 0-10V

code: **00201684**

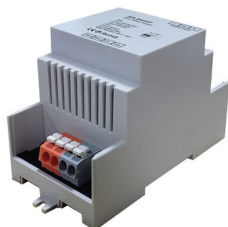
## DALI LT-403-6Ax3CH - DALI/PWM converter, 3 channels



Input: DALI - 3 addresses  
Input Voltage: 12-24V DC  
Outputs: 3 channels, PWM, max. 6A/channel  
(12V - max. 3x 72W/ch, 24V - 3x max. 144W/ch)

code: **00204380**

## EFFECT DALI power supply - Universal DALI power supply



Din rail mounted DALI power supply.  
Input Voltage: 100-240V AC  
Output: max. 250mA

code: **00205048**

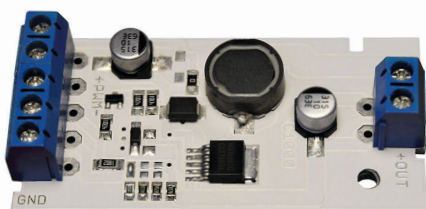
## EFFECT DALI MASTER MODULE - DALI Master LED Dimmer Module For DALI Group



Compact size LED dimmer module which controls 2  
DALI groups on the DALI line

code: **00205045**

## TR LED DRIVER C1000 WITH SET CURRENT xxx - V/I converter, several pre-set current values



Voltage powered CC power supplies for  
current LED driving  
PWM controlled  
Bare PCB  
Input Voltage: 9-60V DC  
Output Current: pre-set values

**1000 mA** - code: **00201519**

**700 mA** - code: **00202840**

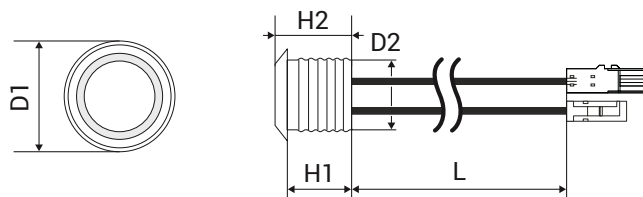
**500 mA** - code: **00204669**

**350 mA** - code: **00202841**

## TOUCH DIMMING BUTTONS WDS



Touch switch and dimming buttons for voltage driven LED lights, connected between the power supply's output and controlled load, PWM  
 Input Voltage: 12V DC  
 Protection class: III  
 IP Rating: IP20, typical interior environment  
 Connectors: mini AMP (JST-M)



SIZE	COLOR	D1	D2	H1	H2	L	CURRENT	POWER	ODRDER CODE
MINI	ALU	ø 18 mm	ø 13 mm	14 mm	15 mm	0,2 m	1,5 A	18 W	<b>00210858</b>
	CHROME	ø 18 mm	ø 13 mm	14 mm	15 mm	0,2 m	1,5 A	18 W	<b>00210859</b>
	BLACK	ø 18 mm	ø 13 mm	14 mm	15 mm	0,2 m	1,5 A	18 W	<b>00210860</b>
	WHITE	ø 18 mm	ø 13 mm	14 mm	15 mm	0,2 m	1,5 A	18 W	<b>00210861</b>
MIDI	GREY	ø 22 mm	ø 18 mm	15 mm	16,5 mm	1 m	4 A	48 W	<b>00210863</b>
	BLACK	ø 22 mm	ø 18 mm	15 mm	16,5 mm	1 m	4 A	48 W	<b>00210865</b>
	WHITE	ø 22 mm	ø 18 mm	15 mm	16,5 mm	1 m	4 A	48 W	<b>00210864</b>
MAX	CHROME	ø 20 mm	ø 17 mm	9,5 mm	11 mm	1,5 m	5 A	60 W	<b>00210862</b>

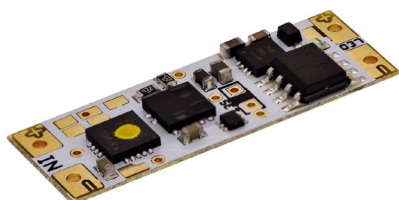
## TOUCH DIMMER FOR FURNITURE - 33MM



Switch and dimmer to be built in furniture, it responds through non-conductive materials (particle board / chipboard, wood, glass, plastics)  
 Input Voltage: 10-28V DC  
 Output Current: 12V - max. 10A (120W), 24V - max. 7,5A (180W)  
 Dimensions: d35mm x 10mm

code: **00211695**

## TOUCHLESS DIMMER for LED ribbons 3in1 B/Y - indicator LED Blue or Yellow

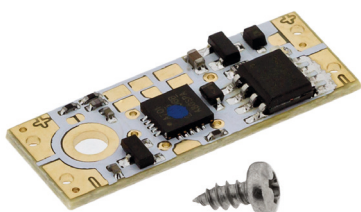


To be built in LED profile, multifunctional - switch and dimmer, door switch, sunset switch, IR signal transmission  
 Input Voltage: 6-28V DC  
 Output Current: max. 7,5A (90W) @ 12V, max. 5A (120W) @ 24V  
 Dimensions: 10x28mm

**Blue status indicator**  
 code: **00215731**

**Yellow status indicator**  
 code: **00215732**

## TOUCH DIMMER 12/24V for LED profiles B/Y - indicator LED Blue or Yellow

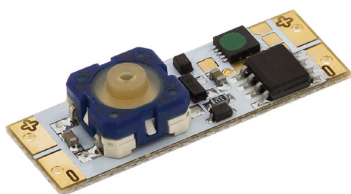


To be built in LED profile, multifunctional - switch and dimmer, time switch, controlled by touching the profile  
 Input Voltage: 9-28V DC  
 Output Current: max. 7,5A (12V - max. 90W, 24V - max. 180W)  
 Dimensions: 10x25mm

**Blue status indicator**  
 code: **00211689**

**Yellow status indicator**  
 code: **00211691**

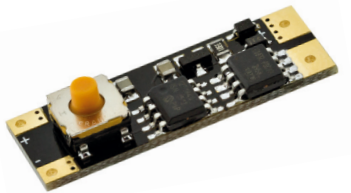
## BUTTON DIMMER 12/24V for LED profiles



To be built in LED profile, multifunctional - switch and dimmer, button controlled, selectable button length and diameter  
Input Voltage: 10-28V DC  
Output Current: max. 7,5A (12V - max. 90W, 24V - max. 180W)  
Dimensions: 10x28,5mm

code: **00211686**

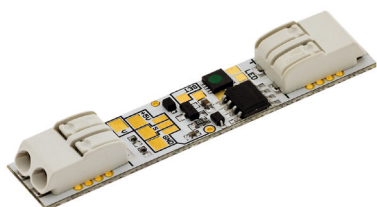
## BUTTON DIMMER for LED profiles



To be built in LED profile, multifunctional - switch and dimmer, button controlled  
Input Voltage: 10-15V DC  
Output Current: max. 10A (12V - max. 120W)  
Dimensions: 29x10mm

code: **00211446**

## UNIVERSAL DIMMER 4in1 for external control



To be built in LED profile, multiple control modes - button, sensor, transistor, potentiometer, voltage, magnetic contact  
Input Voltage: 10-28V DC  
Output Current: max. 9A (108W) @ 12V, max. 6A (144W) @ 24V  
Dimensions: 10x55x5mm

code: **00211696**

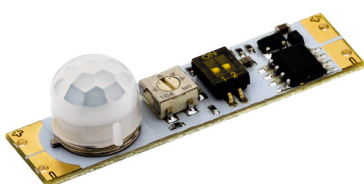
## MOTION-ACTIVATED SWITCH 12/24V for LED profiles



To be built in LED profile, motion-activated switch, extensive setting options, reach 5m, angle of detection 120°, time setting 5s-43min  
Input Voltage: 9-28V DC  
Output Current: max. 7,5A (12V - max.90W, 24V - max.180W)  
Dimensions: 10x45mm

code: **00211685**

## MOTION-ACTIVATED DIP SWITCH 12/24V for LED profiles



To be built in LED profile, motion-activated switch, simple setting and function, reach 3m, angle of detection 120°, time setting 8s-75min  
Input Voltage: 5-28V DC  
Output Current: max. 7,5A (12V - max. 90W, 24V - max.180W)  
Dimensions: 10x38mm

code: **00211687**