

# e-Scene®

TACTILE KEYPAD FOR LIGHTING AND BLINDS

Product Reference: BT.51G000-000

## Instruction Sheet

- Independent control of 5 lighting or blind zones
- Five programmable lighting scenarios
- Front panel with tactile feel pushbuttons
- e-Scene infrared remote control
- PowerLine communications
- Easy installation and configuration

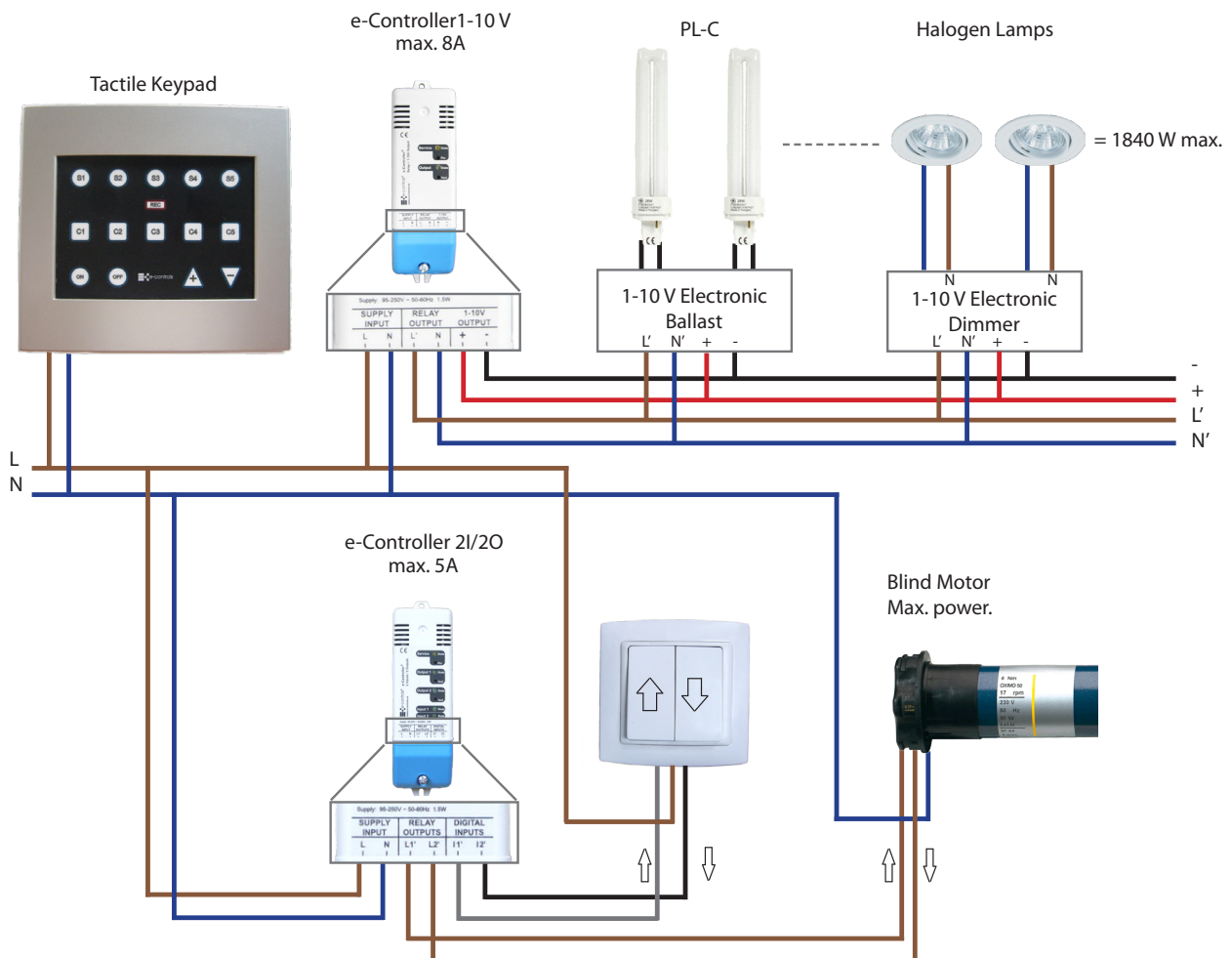


### Product Description

The e-Scene tactile keypad is designed to store up to five different scenarios for lighting, blinds, curtains or other elements in a meeting room, hall, lounge, etc. Each channel state may be independently adjusted through the five channel keys. The e-Controller 1-10 V PowerLine Ballast Controller is the receiving unit for the data sent from the keypad. The

installation may include multiple controllers that will be controlled from the keypad. Each e-Controller may handle 8 A at the output, equivalent to 1840 W of power (for more information, please refer to the product's Instruction Sheet).

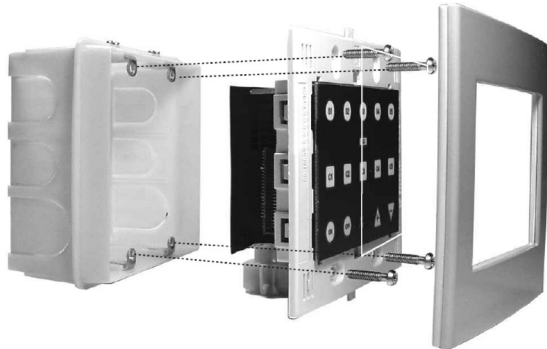
### Wiring Diagram



## Installation & Configuration Instructions

Prior to installing or removing the device, ensure that there is no mains voltage present at the terminals.

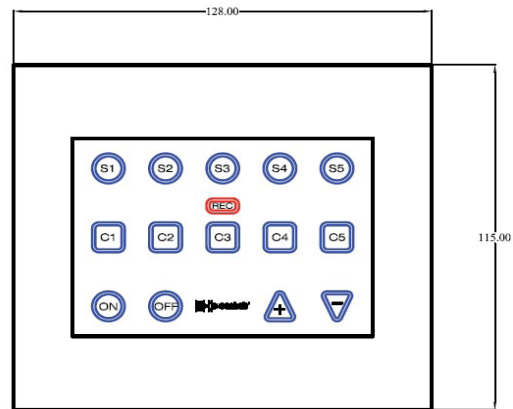
- 1- Install the BTicino ref. no. 506E flush mount back box, turned 90° with respect to its default position, leaving the screws on the top and bottom positions.
- 2- Place the keypad into position and tighten the screws.
- 3- Remove the front protective film.
- 4- Fit the frame.



**For additional product information please refer to the following literature:**

- User Manual (DMU000601300001)
- Configuration Manual (DMC000601300001)
- Quick Configuration Guide (DGC000601300001)

## Dimensions



## Technical Features

### Supply Power

Operating voltage . . . . . 95-250 Vac, 50-60 Hz  
Max. power consumption . . . . . 11 VA

### Communications

Technology . . . . . LonWorks®  
Standard . . . . . ISO/IEC 14908  
Protocol . . . . . Lontalk®  
Transmission channel . . . . . Electric mains – PowerLine  
Transceiver . . . . . OPL50 by e-controls  
LonMark® compatible device

### Features

No. of channels . . . . . 5  
No. of scenes . . . . . 5  
Key type . . . . . Tactile feel  
No. of keys . . . . . 15  
Infrared receiver . . . . . Yes

### Key definition

S1 to S5 . . . . . Scene selection  
C1 to C5 . . . . . Channel selection  
REC . . . . . Store scene  
ON . . . . . Turn on/Open  
OFF . . . . . Turn off/Close  
+ arrow . . . . . Increase/Up  
– arrow . . . . . Decrease/Down  
Pulse indication . . . . . Acoustic “Beep”

### Indicator LEDs

Quantity . . . . . 15 (1 per key)  
Function . . . . . Key selected  
S1 to S5 . . . . . Blue  
C1 to C5 . . . . . Blue  
REC . . . . . Red  
ON . . . . . Blue  
OFF . . . . . Blue

+ arrow . . . . . Blue  
– arrow . . . . . Blue

### Commissioning and configuration

Self-install, no computer required . . . . . Yes  
Max. no. of self-install e-Controller units . . . . . 26  
(independently of channel allocation)  
Commissioning pushbutton into LonWorks network . . . . .  
. . . . . SERVICE PIN  
Unit state in LonWorks network . . . . . SERVICE LED  
PowerLine network state indicator LEDs . . . . . TX, PKD, BIU

### Dimensions, weight and installation

Dimensions . . . . . 128x115x40 mm  
Weight . . . . . 134 gr  
Flush mount back box . . . . . BTicino 506E (not included)  
Frame . . . . . BTicino N4726 (not included)  
Plug In connectors . . . . . Yes  
Conductor cross sectional area . . . . . 0,5 mm<sup>2</sup> – 2,5 mm<sup>2</sup>  
Front panel type . . . . . Polyester  
Front panel colour . . . . . Black, translucent keys  
Protection index . . . . . IP20  
Electrical safety . . . . . Classe II

### Product standard

Automatic electrical controls for household  
and similar use . . . . . EN 60730-1

### CE Conformity

Low Voltage Directive . . . . . 2006/95/EC  
Electromagnetic Compatibility Directive . . . . . 2004/108/EC

### Regulations

Safety . . . . . EN 60730-1  
Emissions . . . . . EN 61000-6-3, EN 50065-1  
Immunity . . . . . EN 61000-6-1, EN 50065-2-1

## Product Reference Nos.

e-Scene . . . . . BT.51G000-000  
e-Scene Remote Infrared Control . . . . . IR.70G000-000

## Related Products

e-Controller 1-10V Luminaire Dimmer . . . . . EC.510200-000  
e-Controller 2 Digital Inputs PC . . . . . EC.512001-000  
e-Controller 1 Relay Output PC . . . . . EC.510102-000  
e-Controller 2 Outputs - ON/OFF . . . . . EC.510203-000  
e-Controller 2 Outputs - Blinds . . . . . EC.510204-000  
e-Controller 2 In. /2 Out. - ON/OFF . . . . . EC.512205-000  
e-Controller 2 In. /2 Out. - Blinds . . . . . EC.512206-000