A9950011 LED dimmable driver universal max 50W
Multi-power driver with dip-switch for output-selection
(constant direct current or 48V constant direct voltage)
Dimmable 1-10V, 100K potentiometer or Pusch button
Prim.Voltage: AC 110V~240V 50~60Hz
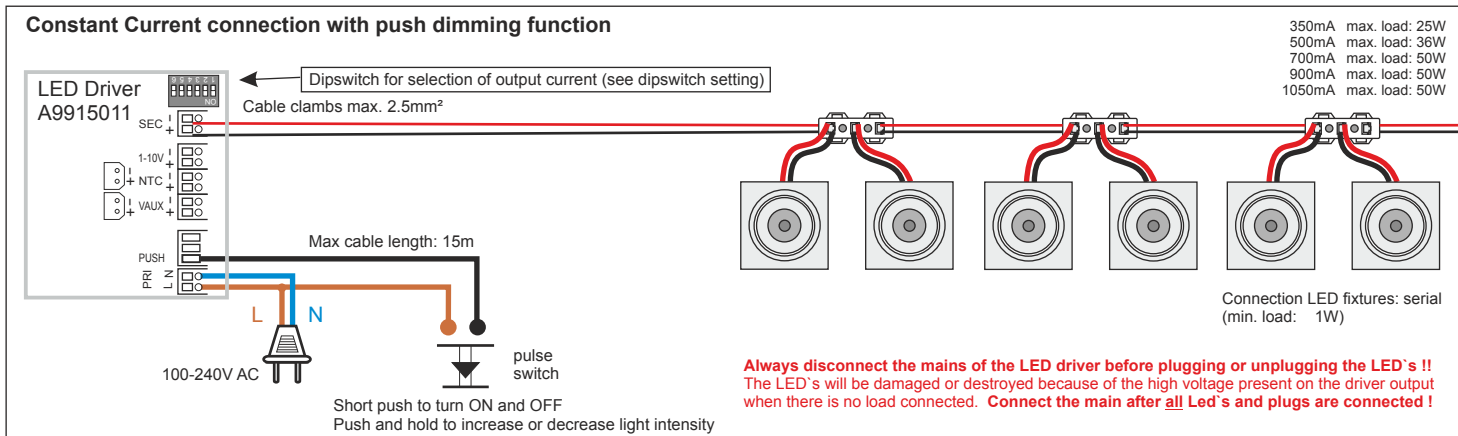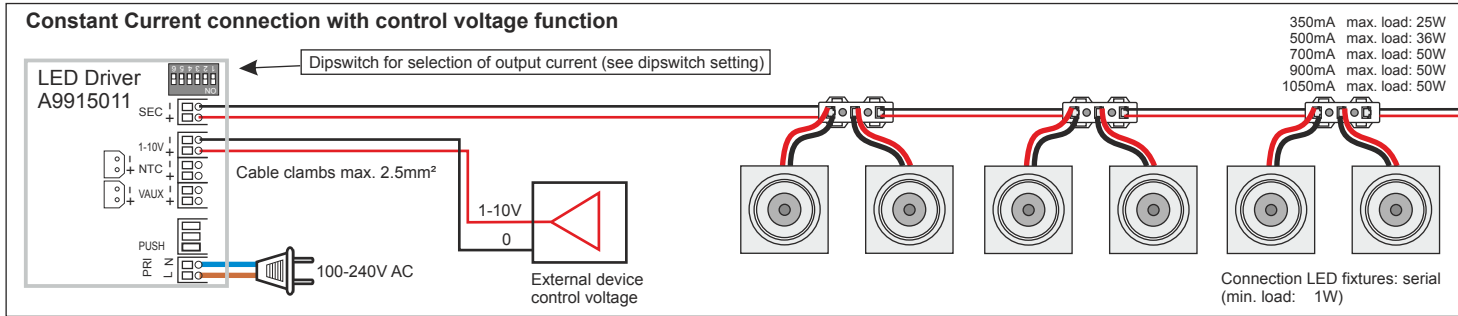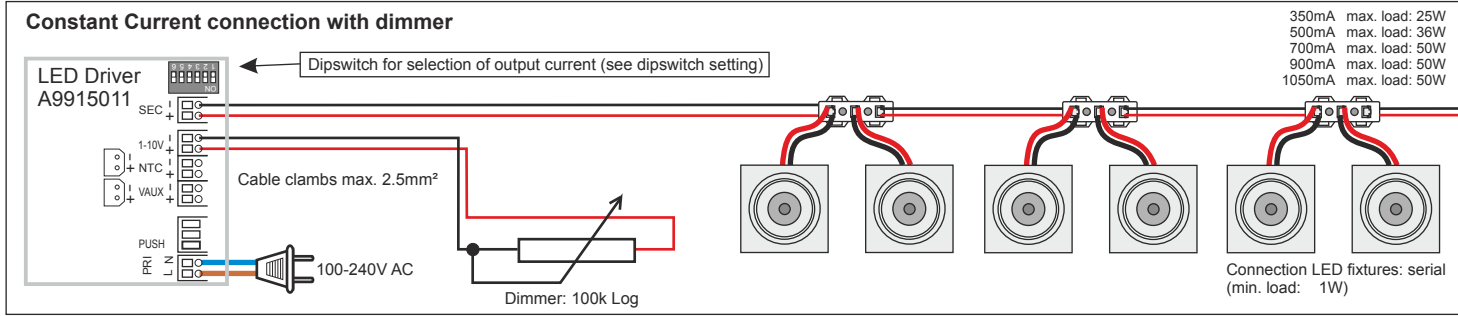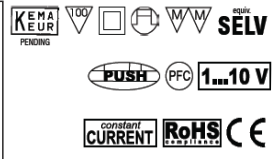Power factor λ: =0.95   / Lmax: 0.5A
Sec.: 350-1050mA OR 48V (see dip-switch setting)
ta °C: -20° +50°   tc °C: 80°
Protection against overheating, short ciquit & overloads
Dimension L x W x H (mm): 124 x 79 x 22
Weight: 0.2 Kg   Protection: IP-20 Class II

Dimension in mm

22mm
124mm
112mm
79mm
69mm
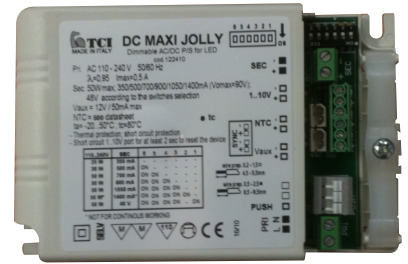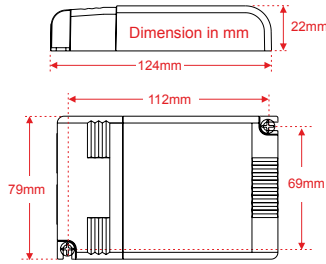
Dip-switch setting for **direct constant current** output-selection

max. load:	switch no:	1	2	3	4	5	6
25W	350mA	—	—	—	—	—	—
35W	500mA	—	—	—	—	—	ON
50W	700mA	—	—	—	—	ON	ON
50W	900mA	—	—	—	ON	ON	ON
50W	1050mA	—	—	ON	ON	ON	ON

Optional:
A9920500 3AP LED 3-way serial connection box
A9920501 6AP LED 6-way serial connection box
A9920515 1,5m extension cable male/female
A9920530 3m extension cable male/female

KEMA KEUR PENDING   SELV   PUSH   PFC 1...10 V   constant CURRENT   RoHS   CE

Constant Current connection with dimmer

LED Driver A9915011

Dipswitch for selection of output current (see dipswitch setting)

SEC
1-10V
NTC
VAUX
PUSH
PRI L N

Cable clambs max. 2.5mm²

100-240V AC

Dimmer: 100k Log

350mA max. load: 25W
500mA max. load: 36W
700mA max. load: 50W
900mA max. load: 50W
1050mA max. load: 50W

Connection LED fixtures: serial
(min. load: 1W)

Constant Current connection with control voltage function

LED Driver A9915011

Dipswitch for selection of output current (see dipswitch setting)

SEC
1-10V
NTC
VAUX
PUSH
PRI L N

Cable clambs max. 2.5mm²

100-240V AC

1-10V
0
External device control voltage

350mA max. load: 25W
500mA max. load: 36W
700mA max. load: 50W
900mA max. load: 50W
1050mA max. load: 50W

Connection LED fixtures: serial
(min. load: 1W)

Constant Current connection with push dimming function

LED Driver A9915011

Dipswitch for selection of output current (see dipswitch setting)
Cable clambs max. 2.5mm²

SEC
1-10V
NTC
VAUX
PUSH
PRI L N

Max cable length: 15m

L N

100-240V AC

pulse switch

Short push to turn ON and OFF
Push and hold to increase or decrease light intensity

350mA max. load: 25W
500mA max. load: 36W
700mA max. load: 50W
900mA max. load: 50W
1050mA max. load: 50W

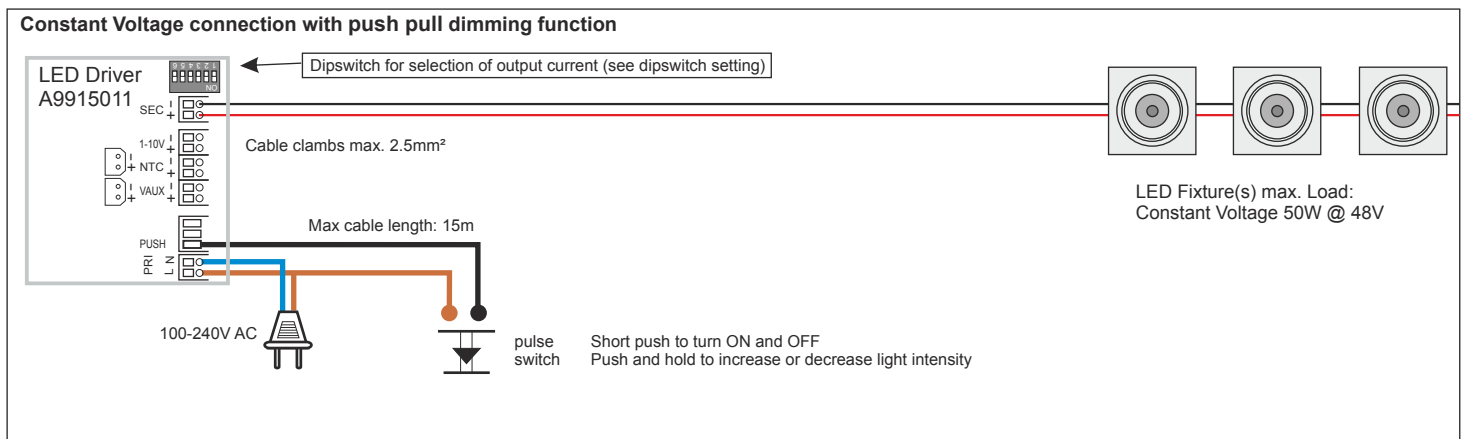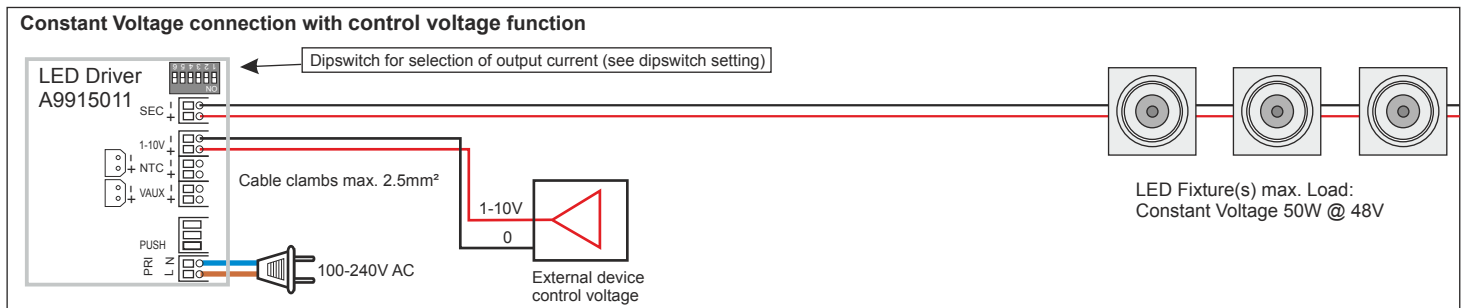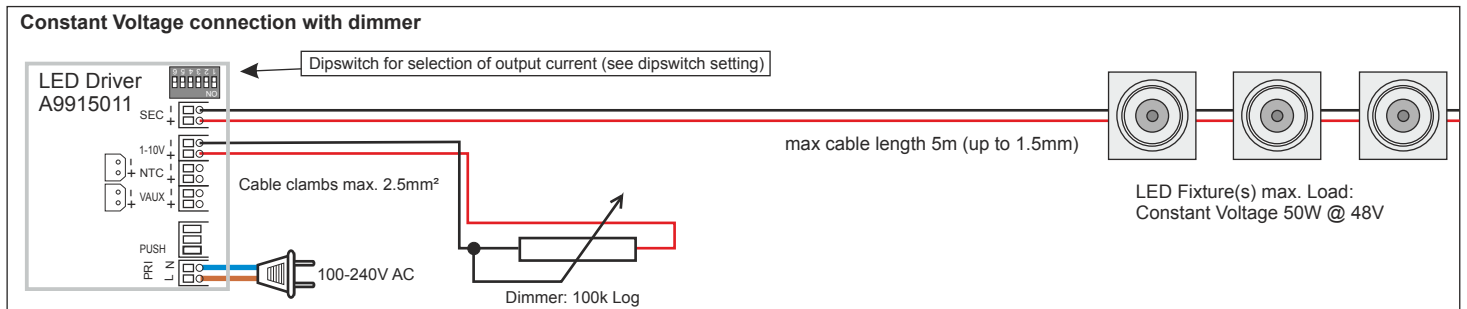Connection LED fixtures: serial
(min. load: 1W)

Always disconnect the mains of the LED driver before plugging or unplugging the LED`s !!
The LED`s will be damaged or destroyed because of the high voltage present on the driver output
when there is no load connected. **Connect the main after all Led`s and plugs are connected !**

Accessoiries

A9950011 LED dimmable driver universal max 50W
Multi-power driver with dip-switch for output-selection
(constant direct current or constant direct voltage)

Dimmable 1-10V, 100K potentiometer or Pusch button

Dip-switch setting for **direct constant voltage** output 48V

switch no:	1	2	3	4	5	6
48V	ON	—	ON	ON	ON	ON

Constant Voltage connection with dimmer

LED Driver
A9915011

Dipswitch for selection of output current (see dipswitch setting)

max cable length 5m (up to 1.5mm)

SEC
1-10V
NTC
VAUX

Cable clambs max. 2.5mm²

PUSH
PRI

100-240V AC

Dimmer: 100k Log

LED Fixture(s) max. Load:
Constant Voltage 50W @ 48V

Constant Voltage connection with control voltage function

LED Driver
A9915011

Dipswitch for selection of output current (see dipswitch setting)

SEC
1-10V
NTC
VAUX

Cable clambs max. 2.5mm²

PUSH
PRI

100-240V AC

1-10V
0

External device
control voltage

LED Fixture(s) max. Load:
Constant Voltage 50W @ 48V

Constant Voltage connection with push pull dimming function

LED Driver
A9915011

Dipswitch for selection of output current (see dipswitch setting)

SEC
1-10V
NTC
VAUX

Cable clambs max. 2.5mm²

PUSH
PRI

Max cable length: 15m

100-240V AC

pulse
switch

Short push to turn ON and OFF
Push and hold to increase or decrease light intensity

LED Fixture(s) max. Load:
Constant Voltage 50W @ 48V

Accessoiries

ARTECTA
THE ART OF LIGHTING

Connection with potentiometer for max. 5 LED drivers

Dipswitch for selection
of output current
(see dipswitch setting)

LED Driver
A9915011

SEC

1-10V

NTC

VAUX

PUSH

PRI

100-240V AC

Cable clambs max. 2.5mm²

max cable length 5m (up to 1.5mm)

LED Fixture(s) max. Load:

Constant Current:
  350mA   max. load: 25W
  500mA   max. load: 35W
  700mA   max. load: 50W
  900mA   max. load: 50W
1050mA   max. load: 50W

Constant Voltage:
  48V   max. load: 50W

Dipswitch for selection
of output current
(see dipswitch setting)

LED Driver
A9915011

SEC

1-10V

NTC

VAUX

PUSH

PRI

100-240V AC

Cable clambs max. 2.5mm²

max cable length 5m (up to 1.5mm)

LED Fixture(s) max. Load:

Constant Current:
  350mA   max. load: 25W
  500mA   max. load: 35W
  700mA   max. load: 50W
  900mA   max. load: 50W
1050mA   max. load: 50W

Constant Voltage:
  48V   max. load: 50W

Max. 10 drivers can be controlled by one potentiometer

Max cable length from potentiometer to last driver
must be max. 15m !

1 LED driver: use   100k logaritmic potentiometer
2 LED drivers: use   47-50k logaritmic potentiometer
4 LED drivers: use   25k logaritmic potentiometer
10 LED drivers: use   10k logaritmic potentiometer
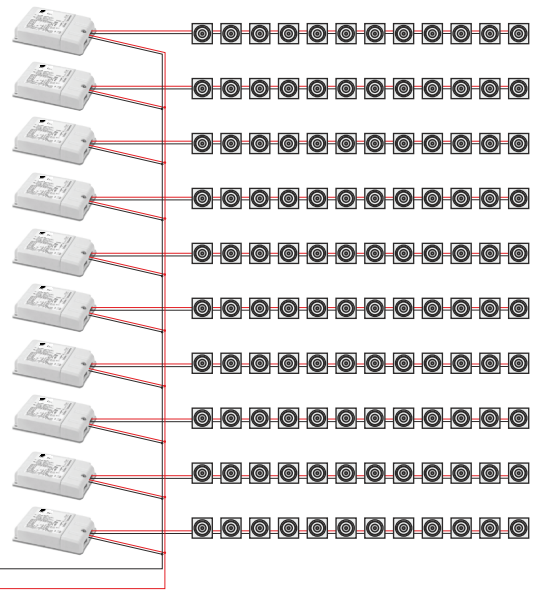
Connection with pulse-switch for max. 10 LED drivers

Push button (Pulse switch) function
By pressing the push button for less than one second the LEDs turn on or off.
By pressing the push button for more than one second the light intensity of the LEDs is dimmed according to the following modalities:
• If the light intensity is not at maximum, by pressing the key there will be an increase of this to maximum or to the corresponding level at the moment the key is released.
• A further pressure on the key inverts the dimming direction to the minimum value or to the corresponding level at the moment the key is released.
• If light intensity is at maximum by pressing the key there will be a decrease to the minimum value or to the corresponding level at the moment the key is released.

Function synchronization during dimming of more than one ballast is possible by means of the sync gates. In this way there is the same light intensity (with the same connected led load) among all the connected ballasts.
This possibility is highly recommended when more than one ballast needs to be controlled by one push button (see the diagram).

N.B.:
The use of the push button inhibits the use of the 1...10 V signal. To return to use of the 1...10 V signal keep the signal less than 0,5 V for at least 2 seconds.

Dipswitch settings

max.Load	SEC	Dip-switch no:					
		1	2	3	4	5	6
25W	350mA	—	—	—	—	—	—
36W	500mA	—	—	—	—	—	ON
50W	700mA	—	—	—	ON	ON	ON
50W	900mA	—	—	ON	ON	ON	ON
50W	1050mA	—	ON	ON	ON	ON	ON
50W	48V	ON	—	ON	ON	ON	ON

LED Fixture(s) max. Load:

Constant Current:
 350mA   max. load: 25W
 500mA   max. load: 35W
 700mA   max. load: 50W
 900mA   max. load: 50W
1050mA max. load: 50W

Constant Voltage:
 48V   max. load: 50W

Dipswitch for selection of output current (see dipswitch setting)

LED Driver A9915011

SEC

1-10V

NTC

VAUX

Cable clambs max. 2.5mm²

PUSH

PRI L N

100-240V AC

LED Fixture(s) max. Load:

Constant Current:
 350mA   max. load: 25W
 500mA   max. load: 35W
 700mA   max. load: 50W
 900mA   max. load: 50W
1050mA max. load: 50W

Constant Voltage:
 48V   max. load: 50W

Dipswitch for selection of output current (see dipswitch setting)

LED Driver A9915011

SEC

1-10V

NTC

VAUX

Cable clambs max. 2.5mm²

PUSH

PRI L N

Max cable length: 15m

L   N

100-240V AC

pulse switch

• Short push to turn ON and OFF
• Push and hold to increase or decrease light intensity

Sync conection to next LED driver

– +

pulse switch

Max. 10 drivers can be controlled by one push button

Max cable length from push button to last driver must be max. 15m !!

Use normally open push button with no incorporated warning light

Accessoiries