Driver "Trio/Quattro" Non dim / 1-10V / Push / DALI dimmable
Art. nr. 490.24.80
Independant LED driver

DOXIS
LIGHTING FACTORY

DIP-switch settings:
Output current is set using dip-switches.
Always make sure that dip-switch setting corresponds to the required output current.
Dip-switch settings can be found printed on the driver.
Incorrect settings may damage the LED

Suitable for:
Atlas 700: max. 700mA
Atlas 1050: max. 1050mA
FlatLED: max. 350mA
Titan: max. 350mA
Vesto 350: max. 350mA*
Vesto 500: max. 500mA
Tekton 45: max. 350mA
Tekton 65: max. 350mA
*Min. load: 3pcs Vesto 350 Single
          2pcs vesto 350 Double

Installation information:
Wire section 0.5-2.5mm²
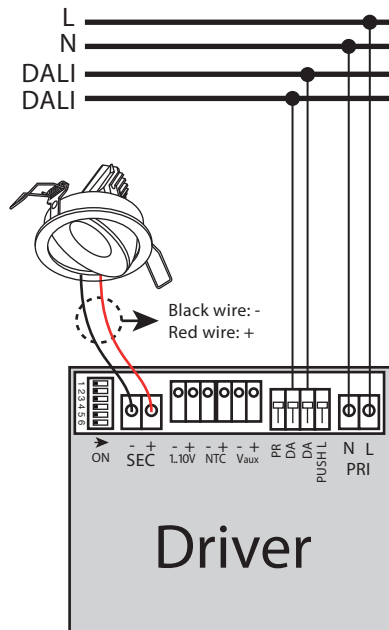**Max 15m distance from driver to LED**

Max. nr. of drivers on single circuit:
MCB 10A type B: 9
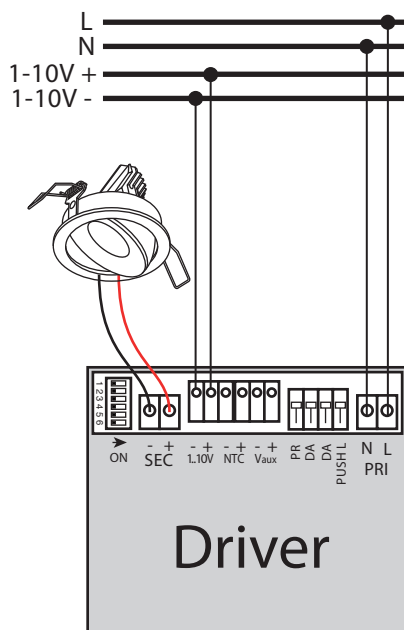MCB 16A type B: 15
MCB 20A type B: 18
MCB 25A type B: 22

MCB 10A type C: 15
MCB 16A type C: 24
MCB 20A type C: 30
MCB 25A type C: 38

Inrush current: 20A
Inrush current 1/2 value time (Twidth): 400μs
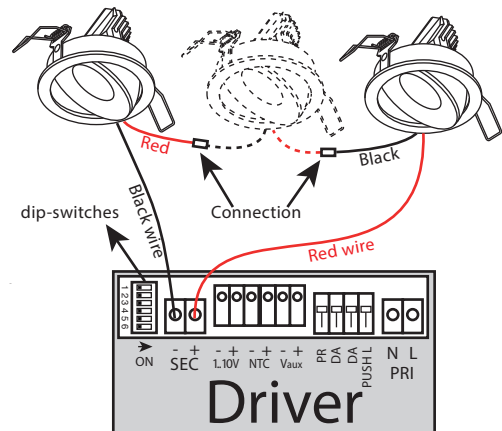Power factor (λ max): 0.95

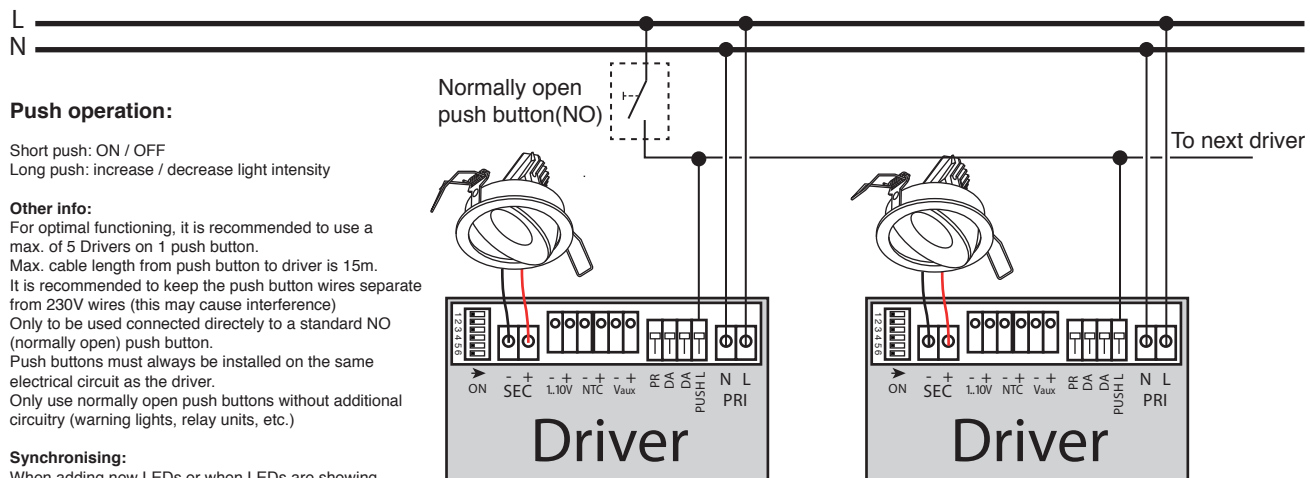## Connecting multiple LEDs:
Atlas 700: max. 2pcs/driver
Atlas 1050: max. 1pc/driver
FlatLED: max. 3pcs/driver
Titan: max. 4pcs/driver
Vesto 350 single: min. 3pcs - max. 10pcs/driver
Vesto 350 double: min. 2pcs - max. 5pcs/driver
Vesto 500 single: max. 10pcs/driver
Vesto 500 double: max. 5pcs/driver
Vesto 350/500 triple: max. 3pcs/driver
Vesto 350/500 quadro: max. 2pcs/driver
Tekton 45: max. 4pcs/driver
Tekton 65: max. 3pcs/driver
Always connect **IN SERIES!!!!!**

DALI connection:

L
N
DALI
DALI

Black wire: -
Red wire: +

Driver

1-10V connection:

L
N
1-10V +
1-10V -

Driver

dip-switches
Red
Black
Connection
Black wire
Red wire

Driver

Dimensions: 124x79x22mm

Push connection:

L
N

Push operation:

Short push: ON / OFF
Long push: increase / decrease light intensity

Other info:
For optimal functioning, it is recommended to use a max. of 5 Drivers on 1 push button.
Max. cable length from push button to driver is 15m.
It is recommended to keep the push button wires separate from 230V wires (this may cause interference)
Only to be used connected directely to a standard NO (normally open) push button.
Push buttons must always be installed on the same electrical circuit as the driver.
Only use normally open push buttons without additional circuitry (warning lights, relay units, etc.)

Synchronising:
When adding new LEDs or when LEDs are showing asynchronous behavior, it is possible to reset the system.

Method of resynchronisation:
1- Drivers must be on.
2- press push switch for more than 1 second
3- short push must follow immediatly after long push

Normally open push button(NO)

To next driver

Driver

Driver

Only to be installed by a qualified electrician.
Doxis cannot be held responsible for damage caused by incorrect settings or incorrect installation.
Document updated 12/12/2019. This document is subject to change.

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