

Titan/FlatLED drivers

!!!LEDs only to be connected in series!

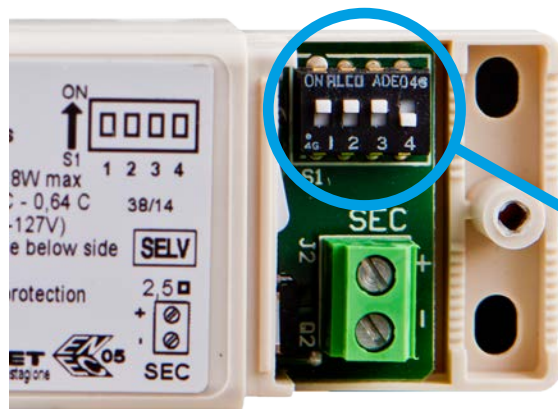
Doxis driver Compatibility			FlatLED T1 @350mA	FlatLED T2 @350mA	FlatLED T2 @500mA	Titan @350mA	Max nr. of drivers on MCB 16A Type B	Inrush current	Inrush current 1/2 value time	Power factor	Wire cross section	Dimensions
	Art. nr.	Dimming	pcs/driver	pcs/driver	pcs/driver	pcs/driver		I_{peak}	T_{width}	λ_{max}	mm ²	mm
Mono	490.24.20	Non dimmable	max. 1	max. 1	-	max. 1	≤ 27	27A	250μs	0.58 C	up to 2.5mm ²	115x34x19
	491.24.20	Non dimmable	max. 1	max. 1	max. 1	max. 1	≤ 50	5A	50μs	0.95	up to 1.5mm ²	108x52x22
	490.25.20	1-10V / Push dimmable	max. 1	max. 1	max. 1	max. 1	≤ 50	5A	50μs	0.95	up to 1.5mm ²	108x52x22
	490.26.20	DALI dimmable	max. 1	max. 1	max. 1	max. 1	≤ 50	5A	50μs	0.95	up to 1.5mm ²	108x52x22
	490.27.20	Mains dimmable	max. 1	max. 1	-	max. 1	-	-	-	0.97	up to 1.5mm ²	108x52x22
	491.27.20	Mains dimmable	-	-	max. 1	-	-	-	-	0.97	up to 1.5mm ²	108x52x22
Duo	490.24.40	Non dimmable	max. 2*	max. 2*	max. 2*	max. 2*	≤ 15	20A	400μs	0.95	up to 2.5mm ²	124x79x22
	490.26.40	DALI / 1-10V / Push dimmable	max. 2*	max. 2*	max. 2*	max. 2*	≤ 15	20A	400μs	0.95	up to 2.5mm ²	124x79x22
Trio / Quattro	490.24.80	DALI / 1-10V / Push dimmable	max. 3*	max. 3*	max. 3*	max. 4*	≤ 15	20A	400μs	0.95	up to 2.5mm ²	124x79x22

*Connected in series

Maximum distance from driver to LED	
Wire section	Max. distance
0.25mm ²	10m
0.5mm ²	20m
1mm ²	50m

LED Specifications				
	Current	Vf min.	Vf typ.	Vf max.
FlatLED T1	350mA	33.6V	36.2V	39.9V
FlatLED T2	350mA	25V	28.3V	31.5V
	500mA	26.3V	29.3V	32.2V
Titan	350mA	23.4V	26.5V	29.4V

MCB conversion table		
MCB type	Max current	Relative nr. of drivers
B	25A	156%
B	20A	125%
B	16A	100%
B	10A	63%
C	25A	260%
C	20A	208%
C	16A	170%
C	10A	104%



Driver setting

The output current of the LED drivers can be adjusted. This can be done using the DIP-switches on the LED driver. Always make sure the switches are set to the correct position.

DIP-switch setting and corresponding output current can be found on the table on the driver or on the driver instructions (<http://www.doxis.be>).