Xitanium/Fortimo LED Drivers Indoor

Xitanium 12W 0.3-1A 16V 230V 50/60Hz

The new Fortimo and Xitanium electronic LED drivers are specially designed to operate LED solutions for general lighting applications. There are Xitanium LED driver versions in 17W / 24V,25W / 36V and 45W / 80V. There are fixed-output and dimmable (trailing edge and Touch & DALI) versions.. The high output voltage (up to 80V) and adjustable output current (200 to 700mA) enable operation of many LEDs (high light output) and flexibility in LED fixture design. The output current can be set by placing a resistor on your LED PCB (Level 2 board). The new housing design incorporates three different mounting options: independent, screw and click mounting. The 25W and 45W versions also feature a 12V output to operate active cooling or decorative LED light effects. The Xitanium LED driver 45W/80V is available in fixed-output version in an independent housing.
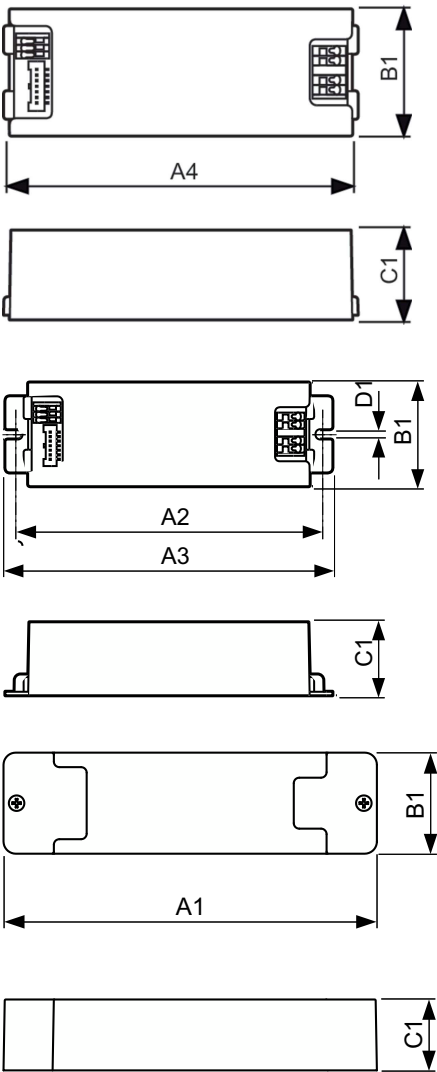
Product data

General Information

Lighting Technology	LED

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
12V Output	No
Output Current (Nom)	300-1000 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	-5 %
Earth Leakage Current (Max)	0.7 mA
Power Factor (Fraction)	0.9
Inrush Current Peak (Max)	8 A
Inrush Current Width to 50% of Peak	180 µs

Number of Products on MCB (16A Type B) (Max)	28

Wiring

Connector Type Input Terminals	Wago 250
Hot Wiring	Yes
Connector Type Output Terminals	Wago 250

Temperature

Ambient temperature range	–20 ℃ to 60 ℃

Mechanical and Housing

Housing	– [Not Specified]

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Approval and Application

Ingress protection code	IP20 [Finger-protected]
Isolation Classification	SELV
Approval Marks	ENEC certificate CE marking

Product Data

Order product name	Xitanium 12W 0.3-1A 16V I 230V
Full product name	Xitanium 12W 0.3-1A 16V 230V 50/60Hz
Full product code	871829116370100

Order code	16370100
Material Nr. (12NC)	929000659303
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291163701
Numerator – Packs per outer box	10
EAN/UPC – Case	8718291163718

Dimensional drawing

Product	D1	A2	C1	A1	A3	A4	B1
Xitanium 12W 0.3-1A 16V I 230V	4.2 mm	114 mm	32 mm	150 mm	125 mm	108 mm	46 mm

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www.lighting.philips.com

2023, April 29 – data subject to change