



Xitanium/Fortimo LED Drivers Indoor

Xitanium 40W 0.28A 142V 230V

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	Output Current Tolerance (Max)	5 %
Operating and Electrical		Output Current Tolerance (Min)	-8 %
Line Frequency	50 to 60 Hz	Earth Leakage Current (Max)	0.7 mA
Input Frequency	50 to 60 Hz	Open Circuit Voltage (DC) (Max)	300 V
Mains voltage operation (DC)	168-275 V	Input Current (Nom)	250 mA
Total Harmonic Distortion IEC (Max)	30 %	Input current (DC)	0.3 A
Power Consumption	47 W	Inrush Current Peak (Max)	22 A
12V Output	No	Output Power (Max)	40 W
Output Current Ripple (Max)	20 %	Output Power (Nom)	32.5 W
Maximum Efficiency at Full Load	88 %	Default output current	280 mA
Output Current (Max)	280 mA	Inrush Current Width to 50% of Peak	250 µs
Output Current (Nom)	280 mA	Energy Metering	No
		Constant Current (CC)	True
		Constant Voltage (CV)	False

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Diagnostics	False
Number of Products on MCB (16A Type B) (Max)	24

Wiring

Connector Type Input Terminals	Wago 744
Hot Wiring	No
Connector Type Output Terminals	Wago 744
Output Wire Cross Section (Max)	1.5 mm²
Output Wire Cross Section (Min)	0.5 mm²
Cable Length From Device to Lamp	0.24 m
Input wire strip length	8 mm to 9 mm
Input Wire Cross Section (Max)	1.5 mm²
Input Wire Cross Section (Min)	0.5 mm²
Output wire strip length	8 mm to 9 mm

Temperature

Ambient temperature range	-20 °C to 50 °C
T-Case Lifetime (Nom)	75 °C
T-Case Maximum (Max)	75 °C
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Dimmable	No
Control Interface	None

Mechanical and Housing

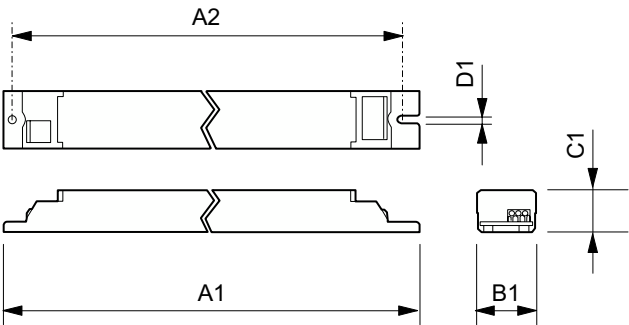
Housing	L280x30x22
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Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) kV
Relative Humidity (Operation) (Max)	90 %
Relative humidity (storage)	10-95 %
Isolation Classification	Class I
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CE marking ENEC certificate CCC certificate
Corridor Mode	False
Output Current Set Options	No

Product Data

Order product name	Xitanium 40W 0.28A 142V 230V
Full product name	Xitanium 40W 0.28A 142V 230V
Full product code	871829121318500
Order code	929000805103
Material Nr. (12NC)	929000805103
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291213185
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291213192

Dimensional drawing



Product	D1	A2	C1	A1	B1
Xitanium 40W 0.28A 142V 230V	4.1 mm	265.0 mm	22.0 mm	280.0 mm	30.0 mm

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