



Xitanium Linear Isolated LED drivers Adjustable Current

Xitanium 75W 0.7-2.0A 54V 230V

Xitanium LED drivers are designed to operate LED solutions for general lighting applications such as linear lighting, as well as downlighting and spot/accent lighting. High reliability underpinned by 5-year warranty, enhanced by specific features that protect the connected LED module, e.g. hot wiring, reduced ripple current and thermal derating. Most drivers feature central DC operation. In the coming years LEDs will continue to increase in efficiency, creating generation and complexity challenges for OEMs. With Xitanium LED drivers, flexibility in luminaire design is assured thanks to an adjustable output current. Application-oriented operating windows offer the flexibility required to provide the stable lumen output and light quality levels that lighting specifiers and architects demand. And the adjustable output current also enables operation of various LED PCB solutions from different manufacturers.

Product data

General Information			
Lighting Technology	LED	Output Current Ripple (Max)	4 %
Operating and Electrical		Maximum Efficiency at Full Load	88 %
Line Frequency	50 to 60 Hz	Output Current (Max)	2000 mA
Input Frequency	50 to 60 Hz	Output Current (Nom)	1350 mA
Mains voltage operation (DC)	168-275 V	Output Current Tolerance (Max)	5 %
Total Harmonic Distortion IEC (Max)	20 %	Mains voltage performance (DC)	186-250 V
Power Consumption	75 W	Earth Leakage Current (Max)	0.3 mA
12V Output	No	Open Circuit Voltage (DC) (Max)	60 V
		Input Current (Nom)	420 mA
		Inrush Current Peak (Max)	21 A

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Output Power (Max)	75 W
Output Power (Nom)	48 W
Default output current	700-2000 mA
Inrush Current Width to 50% of Peak	220 µs
Energy Metering	No
Constant Current (CC)	True
Constant Voltage (CV)	False
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	4 m
Input wire strip length	8 mm to 9 mm 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 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

Control Interface	None
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Mechanical and Housing	
Housing	L360

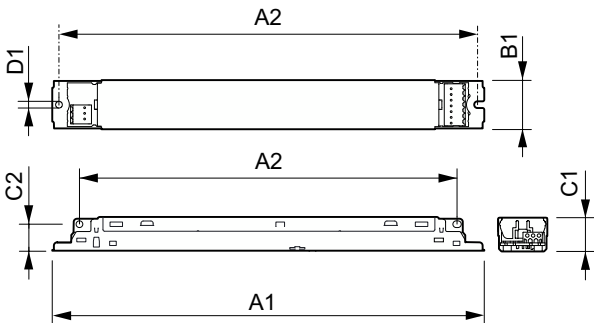
Approval and Application

Ingress protection code	IP20 [Finger-protected]
Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) kV
Relative Humidity (Operation) (Max)	90 %
Isolation Classification	Class I and Class II
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CE marking ENEC certificate CCC certificate SELV
Corridor Mode	False
Output Current Set Options	LEDset

Product Data

Order product name	Xitanium 75W 0.7-2.0A 54V 230V
Full product name	Xitanium 75W 0.7-2.0A 54V 230V
Full product code	871869646889000
Order code	929000958806
Material Nr. (12NC)	929000958806
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696468890
Numerator - Packs per outer box	24
EAN/UPC - Case	8718696468906

Dimensional drawing



Product	A1	A2	B1	C1	D1
Xitanium 75W 0.7-2.0A 54V 230V	360 mm	350 mm	30 mm	21 mm	4.1 mm

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