

Xitanium/Fortimo LED Drivers Indoor

Xitanium 36W LH 0.3-1A 48V I 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

Number Of Products On MCB (16A Type B) (Max)	32
Number Of Products On MCB (16A Type B) (Min)	32

• Operating and Electrical

Input Frequency	50 to 60 Hz
Total Harmonic Distortion IEC (Max)	20 %
12V Output	Yes
Output Current Ripple (Max)	20 %
Output Current Ripple (Nom)	20 %
Maximum Efficiency	88 %
Power Factor 100% Load (Min)	0.9
Power Factor 100% Load (Nom)	0.9
Output Current (Max)	1000 mA

Output Current (Nom)	650 mA
Output Current Tolerance (Max)	5 %
Output Current Tolerance (Min)	-5 %
Input Voltage (AC)	220-240 V
Earth Leakage Current (Max)	0.7 mA
Power Factor (Nom)	0.9
Open Circuit Voltage (DC) (Max)	60 V
Input Current (Nom)	190 mA
Input Voltage (DC)	186-250 V
Input Power (Nom)	36 W
Inrush Current Peak (Max)	20 A
Output Power (Max)	37 W
Output Power (Nom)	24 W
Output Voltage	24-48 V
Default output current	300-1000 mA
Inrush Current Width To 50% Of Peak	0.25 μ s
Energy Metering	False

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Constant Current (CC)	True
Constant Voltage (CV)	False
Diagnostics	False

• Wiring

Connector Type	Wago 250
Hot Wiring	Yes
Connector Type	Wago 250
Output Terminals	
Output Wire Cross Section (Max)	1.5 mm ²
Output Wire Cross Section (Min)	0.2 mm ²
Cable Length From Device To Lamp	0.6 m
Input wire strip length	8.5-9.5 mm
Output wire striplength	8.5-9.5 mm
Input Wire Cross Section (Max)	1.5 mm ²
Input Wire Cross Section (Min)	0.2 mm ²

• Temperature

T-Ambient (Max)	65 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	85 °C
T-Storage (Min)	-25 °C
T-Case Lifetime (Nom)	80 °C
T-Case Maximum (Max)	90 °C

• Controls and Dimming

Control Interface	None
Control Input Protection	Yes (Basic insulation)

• Mechanical and Housing

Housing	- [Not Specified]
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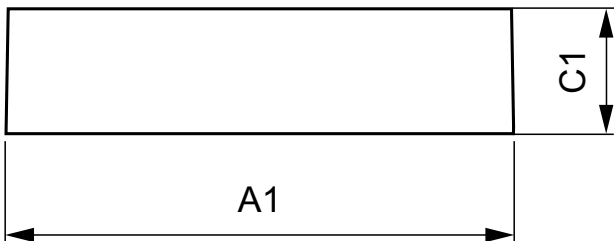
• Approval and Application

Surge Protection (Common/Differential)	EN61547(L-L 1kV, L-G 2kV) kV
Relative Humidity (Operation) (Max)	90 %
Relative Humidity (Operation) (Min)	10 %
IP Classification	20
Isolation Classification	Class I and Class II
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CE marking SELV ENEC certificate
Output Insulation	Double or reinforced insulated
Corridor Mode	False
Output Current Set Options	Rset2

• Product Data

Full product code	871829166644800
Order product name	Xitanium 36W LH 0.3-1A 48V I 230V
EAN/UPC - Product	8718291666448
Order code	66644800
Numerator -	1
Quantity Per Pack	
Numerator - Packs per outer box	10
Material Nr. (12NC)	929000838903
Net Weight (Piece)	0.171 kg

Dimensional drawing

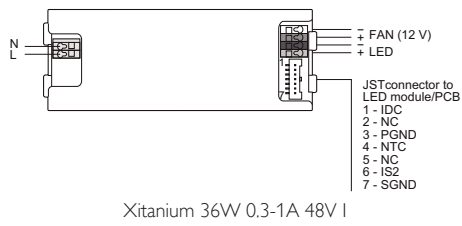


Xitanium 36W 0.3-1A 48V click line

Xitanium 36W 0.3-1A 48V I 230V

Product	D1	C1	A1	B1
Xitanium 36W LH 0.3-1A 48V I 230V	4.2 mm	32 mm	190 mm	46 mm

Dimensional drawing



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