



Xitanium Constant Current Xtreme

Xitanium 75W 0.70A AOCM 1-10 GL-Y sXt

Xitanium Xtreme LED drivers provide constant current output, optimal for a single string of LEDs. With exceptional operating efficiency, our drivers significantly reduce energy costs. The Xitanium Xtreme portfolio offers both central and standalone dimming protocols further increasing the energy savings and CO2 reductions achieved with LED lighting. The fully programmable drivers deliver all dimming options and a range of currents in a single driver. System reliability is maximized with intelligent temperature monitoring of the LED light engine. The full portfolio offers maximum flexibility with customizable operating settings, delivering optimal performance tailored for each design.

Product data

General Information		Electrical	
Number of Products on MCB (16A Type B) (Max)	16	Input Current (Max)	700 mA
Operating and Electrical		Input Power (Nom)	85 W
Input Frequency	50 to 60 Hz	Inrush Current Peak (Max)	70 A
Total Harmonic Distortion IEC (Max)	10 %	Output Power (Nom)	20-75 W
Output Current Ripple (Nom)	30 %	Output Voltage	54-107 V
Maximum Efficiency	91 %	Inrush Current Width to 50% of Peak	120 μs
Power Factor 100% Load (Min)	0.98	Wiring	
Output Current (Nom)	100-700 mA	Control Wire Length	270 mm
Output Current Tolerance (Max)	5 %	Output Wire Length	270 mm
Output Current Tolerance (Min)	-5 %	Control Wire Cross Section (Nom)	0.82 mm ²
Input Voltage (AC)	120-277 V	Output Wire Cross Section (Nom)	0.82 mm ²
Power Factor 50% Load (Min)	0.96	Input Wire Cross Section (Nom)	0.82 mm ²
Earth Leakage Current (Max)	350 mA	Temperature	
		T-Ambient (Max)	55 °C

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T-Ambient (Min)	-40 °C
T-Case Lifetime (Nom)	72 °C
T-Case Maximum (Max)	80 °C
Module Temperature Protection	Programmable
T-Case Switch Off (Nom)	85 °C

Controls and Dimming

Control Interface	1-10V
Dimming Range	100-10 %
Lumistep Dimming Time	-
Lumistep Dimming Time After Midpoint	-

Mechanical and Housing

Housing Color	Black
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Approval and Application

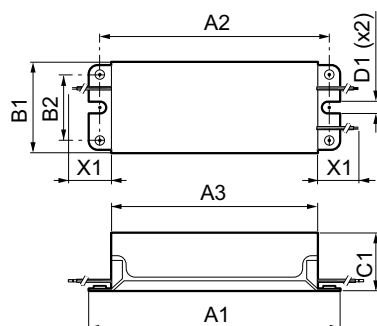
Surge Protection (Common/Differential)	4/4 kV
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IP Classification	-
Isolation Classification	Class II
Approval Marks	ENEC certificate CE marking RoHS compliance

Product Data

Full product code	871829122053400
Order product name	Xtanium 75W 0.70A AOCM 1-10 GL-Y sXt
EAN/UPC - Product	8718291999843
Order code	929000708003
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	929000708003
Net Weight (Piece)	0.803 kg

Dimensional drawing



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Product	D1	A2	B2	C1	A1	A3	X1	B1
Xtanium 75W 0.70A AOCM 1-10 GL-Y sXt	8.0 mm	151.6 mm	42.9 mm	37.7 mm	167.5 mm	138.1 mm	500 mm	59.1 mm

