

Xitanium 929000708003

75W 0.70A AOCCM 0-10V GL-Y sXt

Electrical Specifications

All the specifications are typical and at 25°C Tcase unless specified otherwise.

929000708003	
Brand Name	XITANIUM
Description	Xitanium 75W 0.70A AOCCM 0-10V GL-Y sXt
Input Voltage	120 ~ 230 ~ 277V
Input Frequency	50/60 Hz
RoHS	Yes
Status	Released

Product Data:

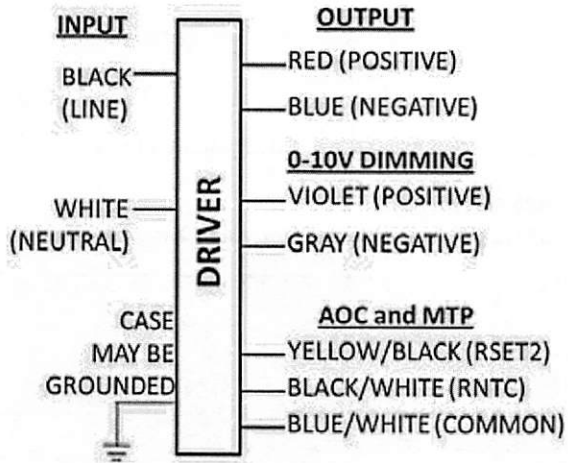
Order code	929000708003M
Full product code	929000708003M
Full product name	Xitanium 75W 0.70A AOCCM 0-10V GL-Y sXt
Line Voltage	120-277V
Line Current	0.7A @ 120V, 0.37 A @230V, 0.3A @ 277V
Line Frequency	50/60Hz
Min. Mains voltage operational	108 V [min]
Max. Mains voltage operational	305V [max]
THD total	Refer to graph
PF @ Max Load	Refer to graph
Input Over-voltage	Can survive input over-voltage stress of 320VAC for 48 hours and 350VAC for 2 hours
Inrush Current	NEMA 410 Maximum number of drivers on MCB-B type I6A = 16
Lightning Surge Protection	Per IEEE C62.41.2 2002 (4KV, 1.2/50 μs.8/20 μs Combination Wave with 2 Ohms source impedance, L-N, L-PE, N-PE)
Output voltage range	54V to 107Vdc
Maximum open circuit voltage	109V (±5%)
Output Current Ripple (ripple = peak to peak / average)	30% max @ max Iout and max Vout Low frequency (≤120 Hz) content <5%
Protections	Short Circuit and Open Circuit Protection for LED + and LED-
Ambient Temp Range	-40C to +55C
Max Case Temperature (Tcase)	80C
Encapsulation	Yes, Fully potted
Interfaces	0-10V Dimming, AOC, MTP
AOC (Adjustable Output Current)	100mA to 700mA via external resistor (Refer to specification below)
MTP (Module Temperature Protection)	Current cutback to 10% (Refer to specifications below)
0-10V Dimming Specifications	150μA ± 3% source current from driver, Vdim > 14.5V to shutdown driver, See dim curve for detail.
Standby power	< 0.4W [via shutdown feature of 0 -10V dim interface]
Environment Protection Rating	UL damp and dry
Life @ Tcase 70C	refer to graph below
Life @ Tcase 80C	refer to graph below
Agency Approbation	cRUs, CSA, CE, ENEC
Electromagnetic Compliance	CISPR 15 Ed 7.2, FCC Title 47 Part 15 Class A
Isolation	Refer to table



Product Overview

Output Power (W)	Output Voltage (V)	AOC Range (A)	Efficiency@ Max Load and 70°C TC _{case}			Max Case Temp. (°C)	Input Current (Arms)			Max. Input Power (W)	Inrush Current (A _{pk} /50%-μs)			THD @ Max Load (%)	Power Factor @ Max Load	Surge Protection Common/Diff (KV)	Weight (Lbs/kgs)	Envir. Protection Rating
			120V	230V	277V		120 V	230 V	277V		120 Vin	230 Vin	277 Vin					
75	54 - 107	0.1 - 0.7	120V	230V	277V	80 °C	120 V	230 V	277V	85	120 Vin	230 Vin	277 Vin	< 10.0 See graph	>0.95 See graph	4/4	1.53/ 0.7	UL damp and dry
			90.3	91.9	91.95		0.7	0.37	0.3		35/120	70/120	85 /120					

Wire Diagram



Input and output use lead-wires.

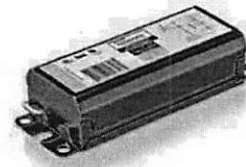
Lead-wires are 18AWG 105C/600V solid copper.

Lead Length outside the enclosure: 270 mm (±30mm) on all wires

AOC: Adjustable Output Current
MTP: Module Temperature Protection

Dimming Method	Dimming Range	Minimum Output Current (A)	Other Comments
0-10V Analog Class 1 or 2 Wiring Shutdown= Yes (see specification)	10% ~ 100%	0.047	Dimming source current: 150 μA (±3%)

Enclosure



Enclosure (Nominal Dimensions)	inches (mm)
Case Length	5.52 (138)
Case Width	2.35 (59.1)
Case Height	1.52 (38)
Mounting Length	6.12 (153)
Mounting Width	1.7 (42.9)
Overall Length	6.72 (168)

