



Xitanium LED linear drivers - SR

XITANIUM 150W 0.2-0.7A 300V SR 230V iXt

Xitanium SR drivers are at the heart of any connected indoor lighting system. These intelligent, SR drivers standardize the connection between driver and sensor, eliminating the need for separate components or modules and ensuring compatibility. Our Xitanium LED linear LED SR drivers not only provide power conversion for LED lighting, but they also feature integrated power supplies and energy metering, enabling users to deliver actionable operational data such as energy consumption. Equally beneficial are the integrated sensor controllers, which provide daylight harvesting and occupancy patterns to a building management system, without the need for additional external components. Collectively they help bring connectivity and expanded functionality to luminaires.

Product data

General Information			
Nominal lifetime	100,000 hour(s)	Open Circuit Voltage (DC) (Max)	330 V
Lighting Technology	LED	Protection Level Up (L-N) at 5 kA (Max)	2 kV
Operating and Electrical		Protection Level Up (LN-Earth) at 5 kA (Max)	4 kV
Line Frequency	50 to 60 Hz	Input current (AC)	0.72 mA
Input Frequency	50 to 60 Hz	Input current (DC)	0.86
Mains voltage operation (DC)	168-275 V	Inrush Current Peak (Max)	5.1 A
Total Harmonic Distortion IEC (Max)	20 %	Output Power (Max)	150 W
Output Current Ripple (Max)	4 %	Default output current	200 mA
Maximum Efficiency at Full Load	95 %	Inrush Current Width to 50% of Peak	760 µs
Output Current (Max)	700 mA	Power Factor 100% Load (Max)	0.9
Output Current Tolerance (Max)	5 %	Energy Metering	Yes
Mains voltage performance (DC)	186-250 V	Constant Current (CC)	True
Power Factor (Fraction)	0.9	Constant Voltage (CV)	False

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Diagnostics	True
Output Power (Min)	43 W
Output Current (Min)	200 mA
Output Voltage (Max)	300 V
Output Voltage (Min)	100 V
Number of Products on MCB (16A Type-C) (Max)	12 piece/unit

Wiring

Connector Type Input Terminals	Wago 744
Hot Wiring	no
Connector Type Output Terminals	Wago 744
Output Wire Cross Section (Max)	1.5 mm ²
Output Wire Cross Section (Min)	0.5 mm ²
Cable Length From Device to Lamp	2 m
Input Wire Gauge	16-20
Input wire strip length	8 mm to 9 mm mm
Input Wire Cross Section (Max)	1.5 mm ²
Input Wire Cross Section (Min)	0.5 mm ²
Output wire strip length	8 mm to 9 mm mm

System characteristics

Central DC Operation	Yes
YellowDot ready	No

Temperature

Ambient temperature range	-30 °C to 60 °C
T-Case Lifetime (Max)	75 °C
T-Case Maximum (Max)	90 °C
Module Temperature Protection	no
Maximum case temperature (in case of failure)	110 °C

Controls and Dimming

Dimmable	Yes
Dimming Range	100-1 %
D4i compliant	Yes

DynaDimmer	No
Constant light output	Programmable

Mechanical and Housing

Product Length	425 mm
Housing	Office 425x30x21 7p6p NFC
Overall length	425 mm
Overall width	30 mm
Overall height	21 mm
Dimensions (Height x Width x Depth)	21 x 30 x 425 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Isolation Classification	No
Short Circuit Protection	Protected
Over Power Protection	Protected
Open Circuit Protection	Protected
Approval Marks	CCC certificate CE marking ENEC certificate RCM compliance REACH compliance RoHS compliance
Corridor Mode	False
Output Current Set Options	LEDset,Programmable,SimpleSet
Protection class IEC	Safety class I

Product Data

Full product code	871951426415100
Order product name	XITANIUM 150W 0.2-0.7A 300V SR 230V iXt
Order code	929001695806
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	929001695806
Full product name	XITANIUM 150W 0.2-0.7A 300V SR 230V iXt
EAN/UPC - Case	8719514264168
EAN/UPC - Product/Case	8719514264151

