

Product Data Sheet

Article number (will be added by Beslag Design):

992689-11

Produced by KG	Date 2021-03-29	Replaces -	Valid from 2021-03-29
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Company information

Company name	Beslag Design	Telephone number	+46(0)431 784 80
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Product Data

Product name	SLIM 24V/150W
Article No.	992689-11
Versions	N/A
Description	220-240V LED Driver, Constant Voltage Driver
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	335x30x21,5mm
Connection type	Captured Terminal Screw for 0.75~2.5 mm ²
Distributor	6-way micro24 distributor with female connections, 500mm cord length
Main lead	3000mm with 2-pin European plug
Electrical characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Insulation degree	Class II thermally protected 110°C, independent driver
IP rating	IP20
Input Parameters	
Rated Input Voltage	220-240VAC
Input Current (Full load)	1A
Input Frequency	50/60Hz
Maximum Input Power	175W
Power Factor (Full load)	≥0.95
THD(Full load)	≤15%
Efficiency (Full load)	≥95%
No-load power	≤0.5W
Inrush current(Max)	≤70A
Turn on time	≤500ms
Output parameters	
Output Voltage	24V±5%
Output Current (Full load)	6.25A
Output Power (Full load)	150W
Operating Frequency(Full load)	80-180KHz
Ripple & Noise	≤240mV
Load Regulation	≤3%
Line Regulation	≤3%
Ambient	
Storage Temperature	-20 ...+ 70°C
Operating Ambient Temperature	-20 ...+ 45°C
Case Temperature at tc Point	+80°C

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Relative humidity	5 ...85%
Protection	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
System Parameters	
Withstand voltage	3.75KVAC, Ileakage<5mA,60s
Life span (h)	30,000Hours
Compliance and approvals	
Safety	EN 61347-2-13
RFI	EN 55015
Harmonics	EN 61000-3-2 Class C
Immunity	EN 61547
Markings	N/A
Total weight (kg)	0,105kg
Packaging size (WxDxH)	N/A
Other:	<p>1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.</p> <p>2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.</p> <p>3. Expected Life:tc=80°C,0.2%/1000h failure rate</p>

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center

