

Product Data Sheet

Article number (will be added by Beslag Design):

971186

Produced by KG	Date 2017-10-26	Replaces -	Valid from 2017-10-26
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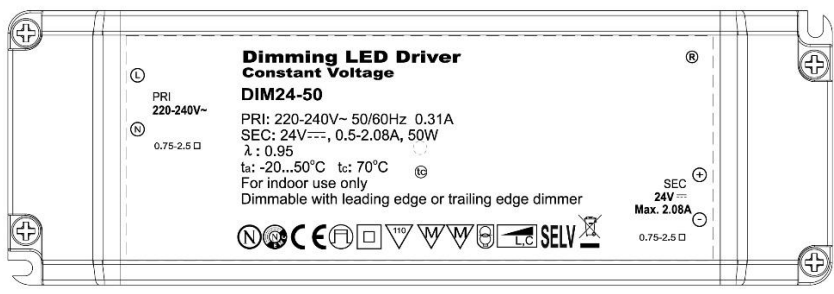
Company information

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

Product name	TRIAC50 24V/50W DIM Complete
Article No.	971186
Versions	N/A
Description	220-240V TRIAC Dimming LED Driver, Constant Voltage Driver, dimmable with leading edge or trailing edge dimmer
Product material	Polycarbonate housing
Surface finish	White / blue
Dimensions (mm)	184x61x32mm
Connection type	Push wire connection:0,5-0,75mm ²
Distributer	6-way micro24 distributer 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, independent driver
IP rating	IP20
Input Parameters	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.31A
Input Frequency	50/60Hz
Maximum Input Power	59.0W
Power Factor (Full load)	≥0.95
THD(Full load)	≤20%
Efficiency (Full load)	≥84%
No-load power	≤1.0W
Inrush current(Max)	5.0A&500us(Cold start)
Turn on time	≤500ms
Output parameters	
Output Voltage	24V±5%
Output Current (Full load)	2.08A
Output Power (Full load)	50W
Operating Frequency(Full load)	60KHz
Dimming Range	1-100%
Ripple & Noise (Max)	2000mVp-p
Load Regulation	±3%
Line Regulation	±3%
Ambient	
Storage Temperature	-20 ... + 70°C

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Operating Ambient Temperature	-20 ...+ 50°C
Case Temperature at tc Point	80°C
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,5mA,60S
Life span (h)	30,000Hours
Compliance and approvals	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	
Total weight (kg)	0,24kg
Packaging size (WxDxH)	N/A
Other:	<ol style="list-style-type: none"> All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. Expected Life:tc=80°C,0.2%/1000h failure rate

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