

Product Data Sheet

Article number (will be added by Beslag Design):

971182 (12V/25W)

Produced by KG	Date 2017-10-23	Replaces -	Valid from 2017-10-23
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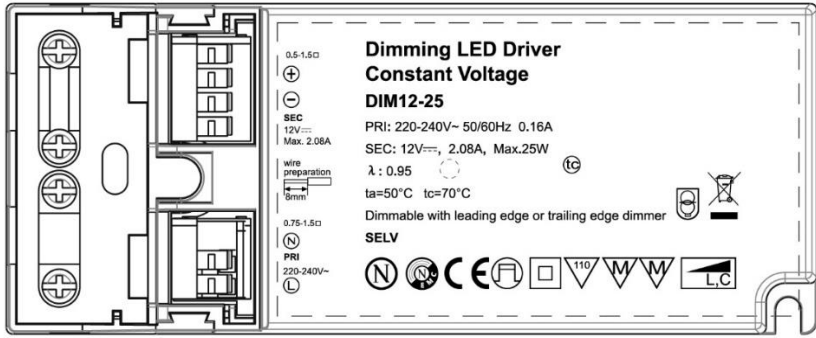
Company information

Company name	Beslag Design	Telephone number	+46(0)431 784 80
Address	Inre Kustvägen 32 SE-269 43 Båstad	Fax number	+46(0)431 784 99
E-mail	info@beslagdesign.se	Web page	www.beslagdesign.se

Product Data

Product name	TRIAC25 12V/25W DIM Complete
Article No.	971182
Versions	N/A
Description	220-240V TRIAC Dimming LED Driver, Constant Voltage Driver, dimmable with leadingedge or trailing edge dimmer
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	128x52x30mm
Connection type	Push wire connection:0,5-0,75mm ²
Distributer	6-way micro12 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)	0.16A
Input Frequency	50/60Hz
Maximum Input Power	29.0W
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	12V±5%
Output Current (Full load)	2.08A
Output Power (Full load)	25W
Operating Frequency(Full load)	60KHz
Dimming Range	1-100%
Ripple & Noise (Max)	800mVp-p
Load Regulation	±3%
Line Regulation	±3%
Ambient	

Product Data Sheet

Storage Temperature	-20 ...+ 70°C
Operating Ambient Temperature	-20 ...+ 50°C
Case Temperature at tc Point	70°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	 <p>Dimming LED Driver Constant Voltage DIM12-25</p> <p>0.5-1.5Ω SEC 12V~ Max. 2.08A wire preparation 8mm 0.75-1.5Ω PRI 220-240V~ L</p> <p>PRI: 220-240V~ 50/60Hz 0.16A SEC: 12V~, 2.08A, Max.25W λ : 0.95 ta=50°C tc=70°C Dimmable with leading edge or trailing edge dimmer</p> <p>SELV</p> <p>CE, RoHS, L.C.</p>
Total weight (kg)	0,11kg
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

Product Data Sheet

Article number (will be added by Beslag Design):

971183 (12V/50W)

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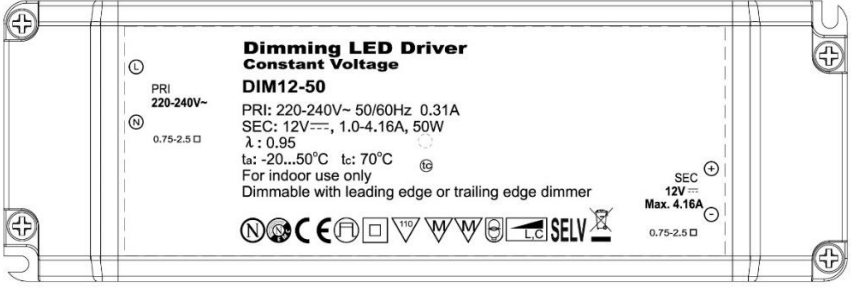
Company information

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E-mail	info@beslagdesign.se	Web page	www.beslagdesign.se

Product Data

Product name	TRIAC50 12V/50W DIM Complete
Article No.	971183
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 micro12 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	12V±5%
Output Current (Full load)	4.16A
Output Power (Full load)	50W
Operating Frequency(Full load)	60KHz
Dimming Range	1-100%
Ripple & Noise (Max)	1000mVp-p
Load Regulation	±3%
Line Regulation	±3%
Ambient	
Storage Temperature	-20 ...+ 70°C

Product Data Sheet

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	 <p>Dimming LED Driver Constant Voltage DIM12-50</p> <p>PRI: 220-240V~ 50/60Hz 0.31A SEC: 12V---, 1.0-4.16A, 50W λ : 0.95 ta: -20...50°C tc: 70°C For indoor use only Dimmable with leading edge or trailing edge dimmer</p> <p>0.75-2.5 □</p> <p>0.75-2.5 □</p> <p>SELV</p>
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

Product Data Sheet

Article number (will be added by Beslag Design):

971185 (24V/25W)

Produced by KG	Date 2017-10-24	Replaces -	Valid from 2017-10-24
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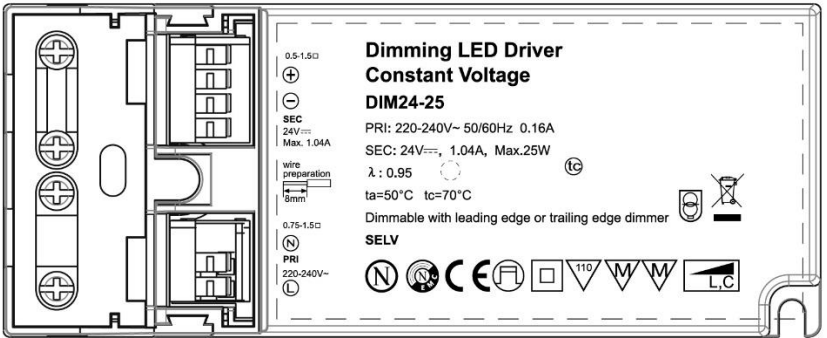
Company information

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E-mail	info@beslagdesign.se	Web page	www.beslagdesign.se

Product Data

Product name	TRIAC25 24V/25W DIM Complete
Article No.	971185
Versions	N/A
Description	220-240V TRIAC Dimming LED Driver, Constant Voltage Driver, dimmable with leadingedge or trailing edge dimmer
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	128x52x30mm
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)	0.16A
Input Frequency	50/60Hz
Maximum Input Power	29.0W
Power Factor (Full load)	≥0.95
THD(Full load)	≤20%
Efficiency (Full load)	≥85%
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)	1.04A
Output Power (Full load)	25W
Operating Frequency(Full load)	55KHz
Dimming Range	1-100%
Ripple & Noise (Max)	900mVp-p
Load Regulation	±3%
Line Regulation	±3%
Ambient	
Storage Temperature	-20 ...+ 70°C

Product Data Sheet

Operating Ambient Temperature	-20 ...+ 50°C
Case Temperature at tc Point	70°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	 <p>Dimming LED Driver Constant Voltage DIM24-25</p> <p>0.5-1.0□ ⊕ ⊖ SEC 24V~ Max. 1.04A wire preparation 8mm 0.75-1.5□ N PRI 220-240V~ L</p> <p>PRI: 220-240V~ 50/60Hz 0.16A SEC: 24V~ , 1.04A, Max.25W λ : 0.95 ta=50°C tc=70°C Dimmable with leading edge or trailing edge dimmer</p> <p>SELV</p> <p>CE, RoHS, REACH, L.C.</p>
Total weight (kg)	0,11kg
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

Product Data Sheet

Article number (will be added by Beslag Design):

971185 (24V/25W)

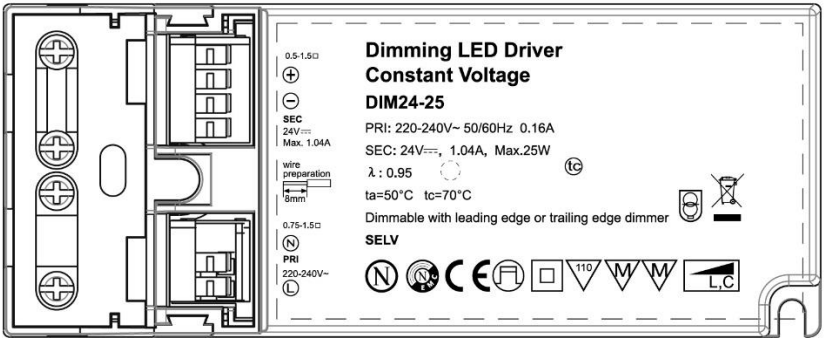
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Product Data

Product name	TRIAC25 24V/25W DIM Complete
Article No.	971185
Versions	N/A
Description	220-240V TRIAC Dimming LED Driver, Constant Voltage Driver, dimmable with leadingedge or trailing edge dimmer
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	128x52x30mm
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)	0.16A
Input Frequency	50/60Hz
Maximum Input Power	29.0W
Power Factor (Full load)	≥0.95
THD(Full load)	≤20%
Efficiency (Full load)	≥85%
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)	1.04A
Output Power (Full load)	25W
Operating Frequency(Full load)	55KHz
Dimming Range	1-100%
Ripple & Noise (Max)	900mVp-p
Load Regulation	±3%
Line Regulation	±3%
Ambient	
Storage Temperature	-20 ...+ 70°C

Operating Ambient Temperature	-20 ...+ 50°C
Case Temperature at tc Point	70°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	 <p>Dimming LED Driver Constant Voltage DIM24-25</p> <p>0.5-1.5□ ⊕ ⊖ SEC 24V--- Max. 1.04A wire preparation 8mm 0.75-1.5□ N PRI 220-240V~ L</p> <p>PRI: 220-240V~ 50/60Hz 0.16A SEC: 24V---, 1.04A, Max.25W λ : 0.95 ta=50°C tc=70°C Dimmable with leading edge or trailing edge dimmer</p> <p>SELV</p> <p>CE, RoHS, REACH, L.C.</p>
Total weight (kg)	0,11kg
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