

Article number (will be added by Beslag Design): 992670 (12V/12W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Product name	UT12V/12W Complete	
Article No.	992670	
Versions	N/A	
Description	220-240V LED Driver, Constant Voltage Driver	
Product material	Polycarbonate housing	
Surface finish	White / grey	
Dimensions (mm)	128x50x13mm	
Connection type	Captured Terminal Screw for 0.5~1.5 mm ²	
Distributer	6-way micro12 distributer with female connections, 500mm cord length	
Main lead	3000mm with 2-pin European plug	
Electrical	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise	
characteristics	specified	
Insulation degree	Class II thermally protected 110, independent driver	
IP rating	IP20	
Input Parameters		
Rated Input Voltage	220-240VAC	
Input Current (Full load)	0.13A	
Input Frequency	50/60Hz	
Maximum Input Power	15W	
Power Factor (Full load)	0.50C	
THD(Full load)	≤12%	
Efficiency (Full load)	≥78%	
No-load power	≤0.4W	
Inrush current(Max)	8.0A	
Turn on time	≤50ms	
Output parameters		
Output Voltage	12V±5%	
Output Current (Full load)	1.0A	
Output Power (Full load)	12W	
Operating Frequency(Full load)	35-140KHz	
Ripple & Noise	≤600mV	
Load Regulation	≤3%	
Line Regulation	≤3%	
Ambient		
Storage Temperature	-20+ 70°C	
Operating Ambient Temperature	-20+ 50°C	



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Case Temperature at to Point	80°C	
Relative humidity	585%	
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 approv		
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	2 LED Driver Constant Voltage UT12V/12W PRI: 220-240V~ 50/60Hz 0.13A PRI: 220-240V~ 50/60Hz 0.13A ∴ 0.5C ta: -2050°C te: 75°C SELV N C T T T T T T T T T T T T	
Total weight (kg)	0,070kg	
Packaging size (WxDxH)	N/A	
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. 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):
992671 (12V20W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Product name	UT12V/20W Complete	
Article No.	992671	
Versions	N/A	
Description	220-240V LED Driver, Constant Voltage Driver	
Product material	Polycarbonate housing	
Surface finish	White / grey	
Dimensions (mm)	128x50x13mm	
Connection type	Captured Terminal Screw for 0.5~1.5 mm ²	
Distributer	6-way micro12 distributer with female connections, 500mm cord length	
Main lead	3000mm with 2-pin European plug	
Electrical	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise	
characteristics	specified	
Insulation degree	Class II thermally protected 110, independent driver	
IP rating	IP20	
Input Parameters		
Rated Input Voltage	220-240VAC	
Input Current (Full load)	0.20A	
Input Frequency	50/60Hz	
Maximum Input Power	25W	
Power Factor (Full load)	0.50C	
THD(Full load)	N/A	
Efficiency (Full load)	≥80%	
No-load power	≤0.5W	
Inrush current(Max)	≤12A	
Turn on time	≤500ms	
Output parameters		
Output Voltage	12V±5%	
Output Current (Full load)	1.67A	
Output Power (Full load)	20W	
Operating Frequency(Full load)	35-140KHz	
Ripple & Noise	≤700mV	
Load Regulation	≤5%	
Line Regulation	≤5%	
Ambient		
Storage Temperature	-20+ 70°C	
Operating Ambient Temperature	-20+ 50°C	



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Case Temperature at to Point	85°C	
Relative humidity	585%	
Protection No Load Over Load	Auto-recovery if fault is removed Auto-recovery if fault is removed	
Short Circuit	Auto-recovery if fault is removed	
System Parameters	Auto-recovery in fault is removed	
Withstand voltage	3.75KVAC,5mA,60S	
Life span (h)	30,000Hours	
Compliance and approv	als	
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	LED Driver Constant Voltage	
Total weight (kg)	0,075kg	
Packaging size (WxDxH)	N/A	
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. 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):
992672 (12V/30W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Product name	UT12V/20W Complete
Article No.	992672
Versions	N/A
Description	220-240V LED Driver, Constant Voltage Driver
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	155x53x16mm
Connection type	Captured Terminal Screw for 0.5~1.5 mm ²
Distributer	6-way micro12 distributer with female connections, 500mm cord length
Main lead	3000mm with 2-pin European plug
Electrical	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise
characteristics	specified
Insulation degree	Class II thermally protected 110, independent driver
IP rating	IP20
Input Parameters	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.2A
Input Frequency	50/60Hz
Maximum Input Power	35W
Power Factor (Full load)	0.95
THD(Full load)	≤10%
Efficiency (Full load)	≥88%
No-load power	≤0.5W
Inrush current(Max)	≤10.0A
Turn on time	≤500ms
Output parameters	
Output Voltage	12V
Output Current (Full load)	2.5A
Output Power (Full load)	30W
Operating Frequency(Full load)	65KHz
Ripple & Noise	≤2.8V
Load Regulation	≤5%
Line Regulation	≤5%
Ambient	
Storage Temperature	-20+ 70°C
Operating Ambient Temperature	-20+ 50°C



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Case Temperature at to Point	90°C
Relative humidity	585%
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 approv	
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	LED Driver Constant Voltage UT12V/30W PRI: 220-240V ~ 50/60Hz 0.18A SEC: 12V=-, 2.5A, Max.30W λ: 0.95 ta: -2040°C tc: 90°C N © C □ W W ⊕ SELV
Total weight (kg)	0,105kg
Packaging size (WxDxH)	N/A
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. 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):
992675 (24V/12W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Product name	UT24V/12W Complete
Article No.	992675
Versions	N/A
Description	220-240V LED Driver, Constant Voltage Driver
Product material	Polycarbonate housing
Surface finish	White / grey
Dimensions (mm)	128x50x13mm
Connection type	Captured Terminal Screw for 0.5~1.5 mm ²
Distributer	6-way micro24 distributer with female connections, 500mm cord length
Main lead	3000mm with 2-pin European plug
Electrical	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise
characteristics	specified
Insulation degree	Class II thermally protected 110, independent driver
IP rating	IP20
Input Parameters	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.13A
Input Frequency	50/60Hz
Maximum Input Power	15W
Power Factor (Full load)	0.50C
THD(Full load)	≤120%
Efficiency (Full load)	≥80%
No-load power	≤0.4W
Inrush current(Max)	8.0A
Turn on time	≤50ms
Output parameters	
Output Voltage	24V±5%
Output Current (Full load)	0.50A
Output Power (Full load)	12W
Operating Frequency(Full load)	35-140KHz
Ripple & Noise	≤500mV
Load Regulation	≤3%
Line Regulation	≤3%
Ambient	
Storage Temperature	-20+ 70°C
Operating Ambient Temperature	-20+ 50°C



Product Data	a Sneet Discharg design
Case Temperature at to Point	80°C
Relative humidity	585%
Protection No Load Over Load	Auto-recovery if fault is removed 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 approv	
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	Column C
Total weight (kg)	0,07kg
Packaging size (WxDxH)	N/A
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. 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):
992676 (24V/30W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Article No. 992676	Product name	UT24V/30W Complete	
Versions N/A Description 220-240V LED Driver, Constant Voltage Driver Product material Polycarbonate housing Surface finish White / grey Dimensions (mm) 155x53x16mm Connection type Captured Terminal Screw for 0.5~1.5 mm² 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 IP20 Input Parameters Rated Input Voltage 220-240VAC Input Terquency 50/60Hz Maximum Input Power 50/60Hz Maximum Input Power 20.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Power (Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5		·	
Description 220-240V LED Driver, Constant Voltage Driver Product material Polycarbonate housing Surface finish White / grey Dimensions (mm) 155x53x16mm Connection type Captured Terminal Screw for 0.5-1.5 mm² 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 Rated Input Voltage 220-240VAC Input Frequency 50/60Hz Maximum Input Power 35W Power Factor (Full load) 89% Power Factor (Full load) N/A Efficiency (Full load) 89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Voltage 24V±5% Output power (Full load) 65KHz Ripple &			
Product material Polycarbonate housing Surface finish White / grey			
Surface finish White / grey Dimensions (mm) 155x53x16mm Connection type Captured Terminal Screw for 0.5~1.5 mm² 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 IP20 Input Parameters Rated Input Voltage 1P20 Input Current (Full load) 0.18A Input Frequency 50/60Hz Maximum Input Power Factor (Full load) 20.95 Power Factor (Full load) N/A Efficiency (Full load) N/A Efficiency (Full load) 289% No-load power ≤0.5W Inrush current(Max) 510.0A Turn on time ≤500ms Output Voltage 24V±5% Output Power (Full load) 30W Operating 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5%	•		
Dimensions (mm) 155x53x16mm Connection type Captured Terminal Screw for 0.5~1.5 mm² 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 Rated Input Voltage 220-240VAC Input Frequency 50/60Hz Maximum Input Power 35W Power 35W Power Factor (Full load) N/A Efficiency (Full load) N/A Efficiency (Full load) 89% No-load power 5.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Voltage 24V±5% Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% <		,	
Connection type Captured Terminal Screw for 0.5–1.5 mm² 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 20-240VAC Input Current (Full load) 0.18A Input Frequency 50/60Hz Maximum Input Power 35W Power Factor (Full load) ≥0.95 India ≥0.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Voltage 24V±5% Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%			
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 Rated Input Current (Full load) 0.18A Input Frequency 50/60Hz Maximum Input Power 35W Power Factor (Full load) N/A Efficiency (Full load) N/A Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Voltage 24V±5% Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Ambient	, ,		
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 Rated Input Voltage 220-240VAC Input Frequency 50/60Hz Maximum Input Power 35W Power Factor (Full load) ≥0.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Frequency(Full load) ≤5% Ambient ≤5%			
Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified		,	
characteristics specified Insulation degree Class II thermally protected 110, independent driver IP rating IP20 Input Paring IP20 Input Parameters Rated Input Voltage Input Current (Full load) 0.18A Input Frequency 50/60Hz Maximum Input Power 50/60Hz Maximum Input Power Factor (Full load) ≥0.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Power (Full load) 1.25A Output Power (Full load) 65KHz Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Ambient		1 1 9	
Insulation degree Class II thermally protected 110, independent driver IP rating IP 20			
IP rating			
Input Parameters			
Rated Input Voltage 220-240VAC Input Current (Full 0.18A Input Frequency 50/60Hz Maximum Input Power 35W Power Factor (Full 20.95 Input Frequency 20.95 THD(Full load) 289% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full 1.25A Output Power (Full 30W Operating Frequency(Full load) Fine Load Regulation ≤5% Ambient ≤5% Ambient 20.240VAC 1.8A	ir rating	IF20	
Input Current (Full	Input Parameters		
Input Frequency 50/60Hz Maximum Input 25W Power Factor (Full 20.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full 1.25A Output Power (Full 30W Operating Frequency(Full load) Ripple & Noise ≤3.0V Load Regulation ≤5% Ambient	Rated Input Voltage	220-240VAC	
Maximum Input Power 35W Power Factor (Full load) ≥0.95 THD(Full load) N/A Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Frequency(Full load) ≤5% Load Regulation ≤5% Line Regulation ≤5% Ambient		0.18A	
Power Factor (Full	Input Frequency	50/60Hz	
Load 20.95 THD(Full load N/A Efficiency (Full load ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full load) Load Output Power (Full load) Operating Frequency(Full load) Ripple & Noise ≤3.0V Load Regulation ≤5% Ambient		35W	
Efficiency (Full load) ≥89% No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%	,	≥0.95	
No-load power ≤0.5W Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%	THD(Full load)	N/A	
Inrush current(Max) ≤10.0A Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%	Efficiency (Full load)	≥89%	
Turn on time ≤500ms Output parameters Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5% Ambient	No-load power	≤0.5W	
Output parameters Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%	Inrush current(Max)	≤10.0A	
Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%	Turn on time	≤500ms	
Output Voltage 24V±5% Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%			
Output Current (Full load) 1.25A Output Power (Full load) 30W Operating Frequency(Full load) 65KHz Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5%			
Ioad)		24V±5%	
load) Sow	load)	1.25A	
Frequency(Full load) Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5% Ambient		30W	
Ripple & Noise ≤3.0V Load Regulation ≤5% Line Regulation ≤5% Ambient		65KHz	
Line Regulation ≤5% Ambient		≤3.0V	
Line Regulation ≤5% Ambient	Load Regulation	≤5%	
Ambient	•		
	Ambient		
		-20+ 70°C	



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Operating Ambient Temperature	-20+ 50°C
Case Temperature at tc Point	90°C
Relative humidity	585%
Protection No Load Over Load	Auto-recovery if fault is removed Auto-recovery if fault is removed
Short Circuit System Parameters	Auto-recovery if fault is removed
Withstand voltage	3.75KVAC,Ileakage<5mA,60s
Life span (h)	30,000Hours
	00,000110010
Compliance and appr	ovals
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	LED Driver Constant Voltage UT24V/30W ⊕ PRI: 220-240V~ 50/60Hz 0.18A SEC: 24V==, 1.25Å, Max.30W ⊕ 1.0.95 0.75-2.5□ 1.0.95
Total weight (kg)	0,105kg
Packaging size (WxDxH)	N/A
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. 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):
992677 (24V/50W)

Produced by	Date	Replaces	Valid from
KG	2017-10-25	-	2017-10-25

Company information

Company name	Beslag Design
Address	Inre Kustvägen 32 SE-269 43 Båstad
E-mail	info@beslagdesign.se

Telephone number	+46(0)431 784 80
Fax number	+46(0)431 784 99
Web page	www.beslagdesign.se

Product name	UT24V/50W Complete	
Article No.	992677	
Versions	N/A	
Description	220-240V LED Driver, Constant Voltage Driver	
Product material	Polycarbonate housing	
Surface finish	White / grey	
Dimensions (mm)	185x62x22mm	
Connection type	Captured Terminal Screw for 0.5~1.5 mm ²	
Distributer	6-way micro24 distributer with female connections, 500mm cord length	
Main lead	3000mm with 2-pin European plug	
Electrical	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise	
characteristics	specified	
Insulation degree	Class II thermally protected 110, independent driver	
IP rating	IP20	
Input Parameters		
Rated Input Voltage	100-240VAC	
Input Current (Full load)	0.60A	
Input Frequency	50/60Hz	
Maximum Input Power	59.0W	
Power Factor (Full load)	≥0.95	
THD(Full load)	≤10%	
Efficiency (Full load)	≥84%	
No-load power	≤0.5W	
Inrush current(Max)	≤15.0A	
Turn on time	≤500ms	
Output parameters		
Output Voltage	24V±5%	
Output Current (Full load)	2.1A	
Output Power (Full load)	50.0W	
Operating Frequency(Full load)	65KHz	
Ripple & Noise	≤600mV	
Load Regulation	≤5%	
Line Regulation	≤5%	
Ambient		
Storage Temperature	-20+ 70°C	
Operating Ambient Temperature	-20+ 50°C	



Froduct Date	a Sneet 9 beside design
Case Temperature at to Point	85°C
Relative humidity	585%
Protection No Load	Auto-recovery if fault is removed
	-
Over Load Short Circuit	Auto-recovery if fault is removed Auto-recovery if fault is removed
Short Circuit	Adio-recovery if fault is removed
System Parameters	
Withstand voltage	3.75KVAC,Ileakage<5mA,60s
Life span (h)	30,000Hours
Compliance and approv	
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	LED Driver Constant Voltage UT24V/50W PRI: 100-240V~ 50/60Hz 0.6A SEC: 24V=-, 2.1A, 50W A: 0.95 ta: -2050°C te: 85°C
Total weight (kg)	0,230kg
Packaging size (WxDxH)	N/A
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Expected Life:tc=80°C,0.2%/1000h failure rate

Mounting instructions	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