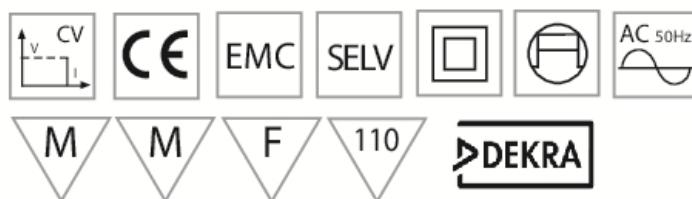


SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante



Part number Codice prodotto	P out W @230V	V out DC ± 5%	I out DC max @230V	λ Power Factor Full Load @230V	Efficiency Full Load @230V
A40SL240450B	45	24	1,875 A	0,96	88%
A40SL240750B	75	24	3,125 A	0,97	90%
A40SL241000B	100	24	4,16 A	0,95	90%
A40SL241500B	150	24	6,25 A	0,95	90%
A40SL242000B	200	24	8,33 A	0,98	90%

Features

- **IP20** independent LED driver (indoor use)
- Supplied with terminal cover and cable retainer
- Class II protection against electric shock for direct or indirect contact

Caratteristiche

- Alimentatore LED indipendente **IP20** (uso interno)
- Fornito di coprimorsetto e serracavo
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti

Directives / Direttive:

2014/35/EU (LVD); 2014/30/EU (EMC); RoHS 2011/65/EU + 2015/863/EU (RoHS); 2009/125/ ECODESIGN regulation (EU) N° 2019/2020 and 341/2021 amendment

Standards compliance:

EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015 + A1:2021;

Conformità alle norme:

EN IEC 55015:2019 + A11:2020; EN IEC 61547:2023;
EN IEC 61000-3-2:2019 + A1:2021
EN 61000-3-3:2013 + A1:2019 + A2:2021
EN IEC 62442-3:2022

SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Other electrical data – SL24045	
Nominal input voltage AC	220 - 240 Vac
Mains frequency	50/60 Hz
iTHD	17,5%
Inrush current	25 A, 180 μ s
Power factor	≥ 0.9 @Full Load 220-240VAC
Current	0,3 A max @full load, 230VAC
Star-up time	< 1S for ERP @Full Load
Unload power consumption	$\leq 0,5$ W
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Unload voltage (Uout)	25,2 VDC max
Output voltage ripple (100 Hz)	< 300mVp-p @Full Load , 230VAC
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-20...+45 °C
Storage temperature range	-40...+80 °C
Tc	85 °C
Humidity	20%-90%RH
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 14-24 AWG
Wire preparation lenght (input side)	5...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 12-26 AWG
Wire preparation lenght (output side)	5...7 mm
Connections	Screw terminal
Nominal life-time	30,000h @230V@Ta20-45°C

SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Other electrical data – SL24075	
Nominal input voltage AC	220 - 240 Vac
Mains frequency	50/60 Hz
iTHD	16%
Inrush current	47 A, 90 μ s
Power factor	≥ 0.9 @Full Load 220-240VAC
Current	0,5 A max @full load, 230VAC
Star-up time	< 1S for ERP @Full Load
Unload power consumption	$\leq 0,5$ W
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Unload voltage (Uout)	25,2 VDC max
Output voltage ripple (100 Hz)	< 240mVp-p @Full Load , 230VAC
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-20...+45 °C
Storage temperature range	-40...+80 °C
Tc	85 °C
Humidity	20%-90%RH
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 14-24 AWG
Wire preparation lenght (input side)	5...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 12-26 AWG
Wire preparation lenght (output side)	5...7 mm
Connections	Screw terminal
Nominal life-time	30,000h @230V@Ta20-45°C

SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Other electrical data – SL24100	
Nominal input voltage AC	220 - 240 Vac
Mains frequency	50/60 Hz
iTHD	23,6%
Inrush current	55 A, 67 μ s
Power factor	≥ 0.9 @Full Load 220-240VAC
Current	0,6 A max @full load, 230VAC
Star-up time	< 1S for ERP @Full Load
Unload power consumption	$\leq 0,5$ W
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Unload voltage (Uout)	25,2 VDC max
Output voltage ripple (100 Hz)	< 240mVp-p @Full Load , 230VAC
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-20...+45 °C
Storage temperature range	-40...+80 °C
Tc	85 °C
Humidity	20%-90%RH
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 14-24 AWG
Wire preparation lenght (input side)	5...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 12-26 AWG
Wire preparation lenght (output side)	5...7 mm
Connections	Screw terminal
Nominal life-time	30,000h @230V@Ta20-45°C

SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Other electrical data – SL24150	
Nominal input voltage AC	220 - 240 Vac
Mains frequency	50/60 Hz
iTHD	27%
Inrush current	65 A, 67 μ s
Power factor	≥ 0.9 @Full Load 220-240VAC
Current	1,4 A max @full load, 230VAC
Star-up time	< 1S for ERP @Full Load
Unload power consumption	$\leq 0,5$ W
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Unload voltage (Uout)	25,2 VDC max
Output voltage ripple (100 Hz)	< 240mVp-p @Full Load , 230VAC
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-20...+45 °C
Storage temperature range	-40...+80 °C
Tc	85 °C
Humidity	20%-90%RH
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 14-24 AWG
Wire preparation lenght (input side)	5...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 12-26 AWG
Wire preparation lenght (output side)	5...7 mm
Connections	Screw terminal
Nominal life-time	30,000h @230V@Ta20-45°C

SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

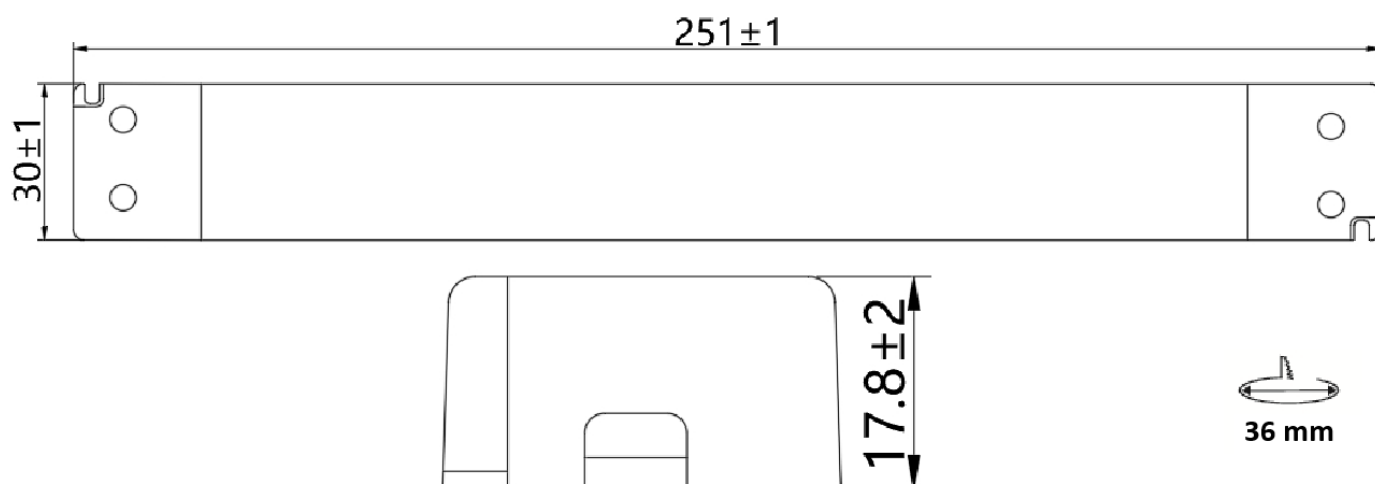
Other electrical data – SL24200	
Nominal input voltage AC	220 - 240 Vac
Mains frequency	50/60 Hz
iTHD	16%
Inrush current	72 A, 50 μ s
Power factor	≥ 0.9 @Full Load 220-240VAC
Current	1,4 A max @full load, 230VAC
Star-up time	< 1S for ERP @Full Load
Unload power consumption	$\leq 0,5$ W
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm$ 5%
Unload voltage (Uout)	25,2 VDC max
Output voltage ripple (100 Hz)	< 240mVp-p @Full Load , 230VAC
Insulation primary/secondary:	Class II SELV 3750V AC
Temperatures and operating conditions	
Ambient temperature range	-20...+45 °C
Storage temperature range	-40...+80 °C
Tc	85 °C
Humidity	20%-90%RH
Capabilities	
Dimmable	NO
Protections	Open load, short-circuit, overload, overtemperature
Connections	
Cables cross-section (input side)	0,5-2,5 mm ² , 14-24 AWG
Wire preparation lenght (input side)	5...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 12-26 AWG
Wire preparation lenght (output side)	5...7 mm
Connections	Screw terminal
Nominal life-time	30,000h @230V@Ta20-45°C

SL 24V

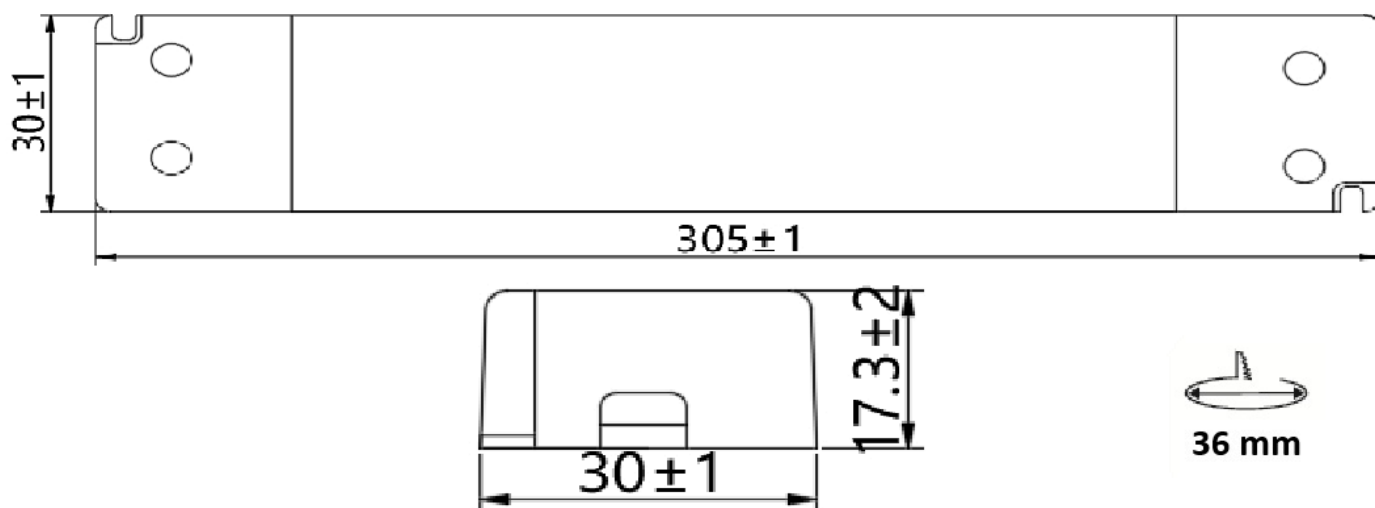
Constant voltage LED driver / Alimentatore per LED a tensione costante

Product dimensions

SL24045



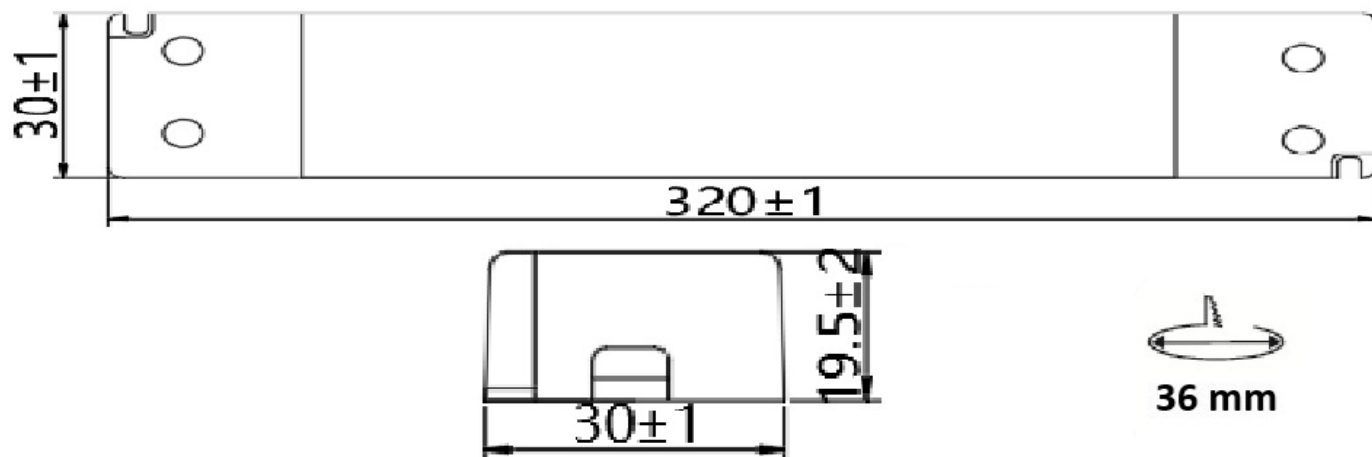
SL24075



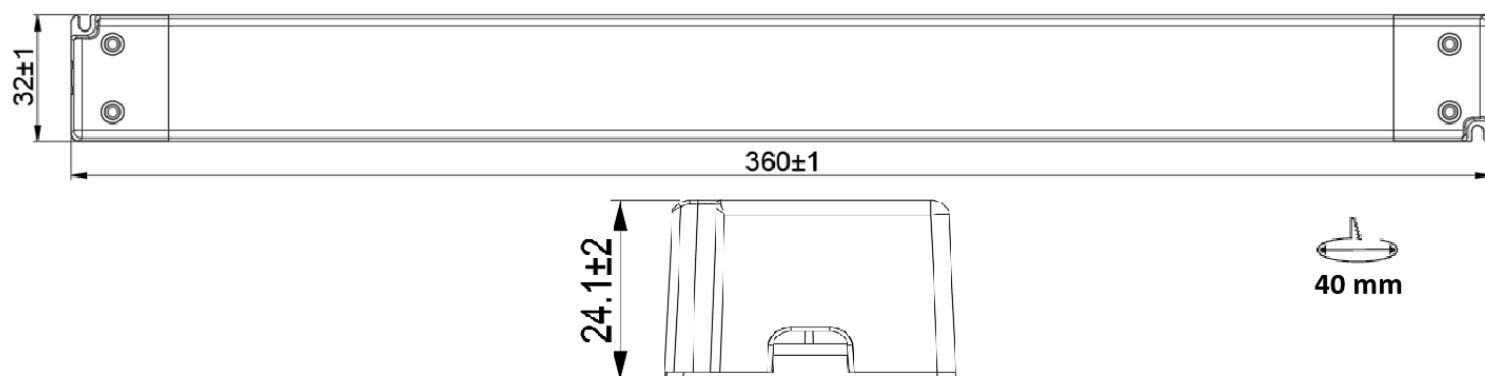
SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

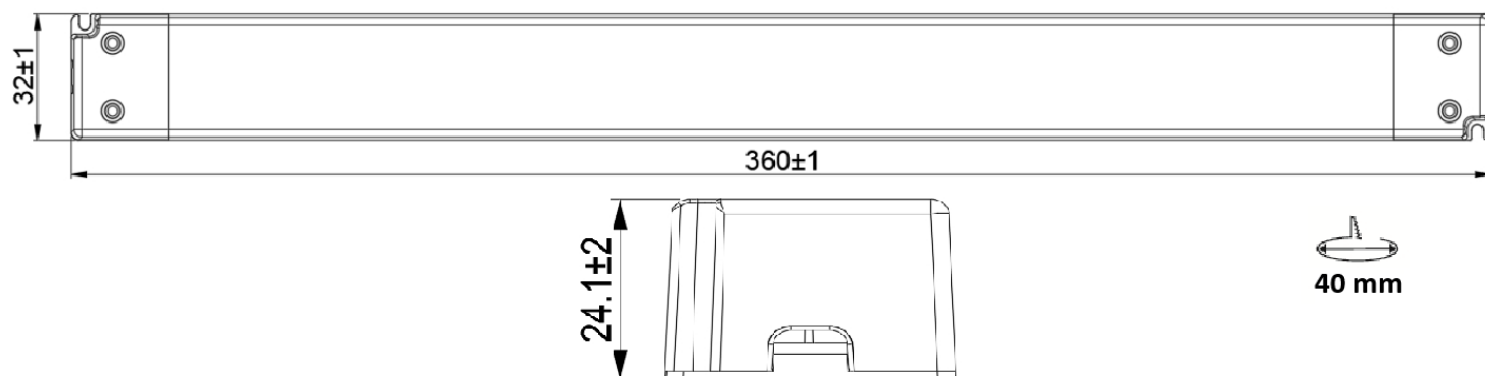
SL24100



SL24150



SL24200



SL 24V

Constant voltage LED driver / Alimentatore per LED a tensione costante

Product weight

	Only power supply	Power supply + single package
A40SL240450B	140 gr.	155 gr.
A40SL240750B	170 gr.	180 gr.
A40SL241000B	210 gr.	230 gr.
A40SL241500B	310 gr.	340 gr.
A40SL242000B	460 gr.	480 gr.