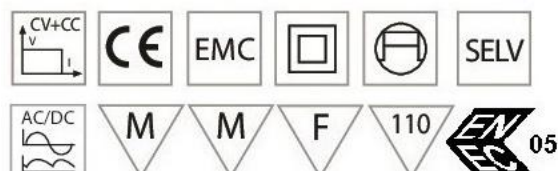


LED drivers – PLK

Constant current and voltage LED driver / Alimentatore per LED a corrente e tensione costante

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Part number Codice prodotto	P out W @230V	V out LED @230V		U out DC (V max)	I out DC (mA)	λ Power Factor	Efficiency @230V	tc °C	Mark
		Min	Max						
A40PLK18500B	8	2,75	43	45	185	0,6	83%	70	-
A40PLK11300B	10	2,75	43	45	240	0,6	79%	70	-
A40PLK30000B	13	2,75	43	45	300	0,5	82%	70	-
A40PLK1121WB	14	2,75	40	45	350	0,5	82%	70	ENEC 05
A40PLK110Z0B	11	2,75	31	35	350	0,5	81%	65	-
A40PLK20500B	11,5	2,75	23 (in CC mode)	24	350	0,6	80%	70	-
A40PLK303Z0B	8,4	2,75	10,5 (in CC mode)	12	700	0,6	73%	70	-
A40PLK3063WB	14	2,75	20 (in CC mode)	24	700	0,5	79%	70	ENEC 05
A40PLK08240B	8	-	-	24	333	0,5	78%	65	-
A40PLK12000B	13	-	-	12	1080	0,6	79%	70	-

Part number Codice prodotto	P out W @110V	V out LED @110V		U out DC (V max)	I out DC (mA)	λ Power Factor	Efficiency @110V	tc °C
		Min	Max					
A40PLK18500B	8	2,75	43	45	185	0,6	80%	70
A40PLK11300B	8,4	2,75	35	45	240	0,6	76%	70
A40PLK30000B	10	2,75	33	45	300	0,5	80%	70
A40PLK1121WB	11	2,75	31	45	350	0,5	79%	70
A40PLK110Z0B	8,4	2,75	24	35	350	0,5	78%	65
A40PLK20500B	10	2,75	20 (in CC mode)	24	350	0,6	77%	70
A40PLK303Z0B	8,4	2,75	10,5 (in CC mode)	12	700	0,6	70%	70
A40PLK3063WB	10	2,75	14 (in CC mode)	24	700	0,5	76%	70
A40PLK08240B	8	-	-	24	333	0,5	76%	65
A40PLK12000B	10	-	-	12	1080	0,6	76%	70

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Features

- **IP20** independent driver
- Output in constant current $185 \div 1080 \text{ mA} \pm 5\%$
- Class II protection against electric shock for direct or indirect contact
- Self-resetting protection against overtemperatures, open circuit and output short circuits

Caratteristiche

- Alimentatore indipendente **IP20**
- Uscita in corrente costante $185 \div 1080 \text{ mA} \pm 5\%$
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti
- Protezione auto ripristinante contro le sovratemperature, il circuito aperto e il corto-circuito sul secondario

Other electrical data

Nominal input voltage AC	110-240 V
Input voltage DC	180-250 V
Mains frequency	50/60 Hz
Surge capability (L-N)	> 1 kV
Nominal output voltage DC	24 V $\pm 5\%$ / 12 V $\pm 5\%$ (A40PBX075D0B)
Output PWM frequency	1 kHz
Minimum output load	10 W
Output voltage ripple (100 Hz)	< 5%
Standby power (Psb)	$\leq 0,5 \text{ W}$
Networked stanby power (Pnet)	$\leq 0,5 \text{ W}$
No-load proof	YES
Intended for no-load operation	NO
Output PstLM (Flicker value)	≤ 1
Output SVM (Stroboscopic effects value)	$\leq 0,4$
Insulation primary/secondary:	Class II SELV 3750V AC
Leakage current:	< 0,5 mA

Temperatures and operating conditions

Ambient temperature range	-10...+40 °C
Storage temperature range	-15...+50 °C

Capabilities

Dimmable	NO
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Connections

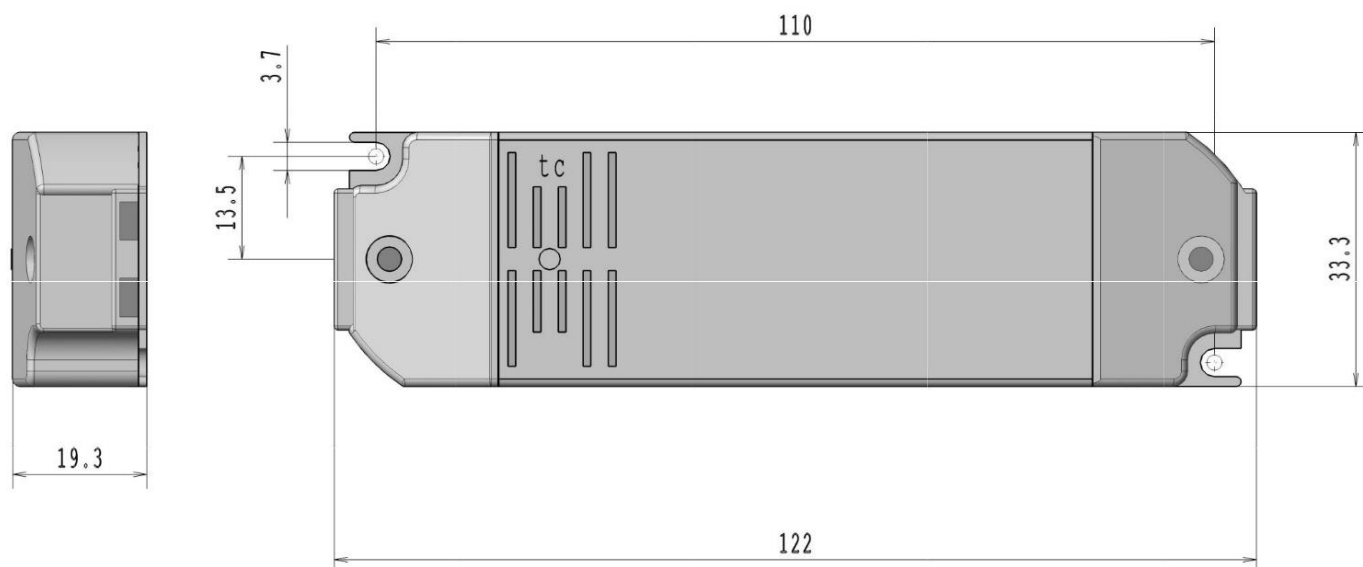
Cables cross-section (input side)	0,5-2,5 mm ² , 13-20 AWG
Wire preparation lenght (input side)	4...7 mm
Cables cross-section (output side)	0,5-2,5 mm ² , 13-20 AWG
Wire preparation lenght (output side)	4...7 mm
Connections	0,5-2,5 mm ² screw or fast connectors
Max cables lenght for push-button line	20m, Ø0,5-2,5 mm ²
Nominal life-time	50000h @Ta 40 °C

LED drivers – PLK

Constant current and voltage LED driver / Alimentatore per LED a corrente e tensione costante

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Product dimensions



38 mm

Product weight

A40PLKxxxx0B	70 gr.
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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:

Conformità alle norme:

EN 61347-2-13:2014; EN 61347-2-13:2014 + A1:2017; EN 61347-1:2015
Only for A40PLK1121WB and A40PLK3063WB: EN 62384:2006; EN 62384:2006 + A1:2019
EN 55015:2019 + A11:2020; EN 61000-3-3:2013; EN 61457:2009;
EN IEC 61000-3-2:2019 + A1:2021
EN 63000:2018
EN IEC 62442-3:2022