

CV – ON/OFF – Constant voltage

Constant voltage LED driver / Alimentatore per LED a tensione costante



Part number	Output Current	Input Current	Input Power	Output Power Range	λ Power Factor	Efficiency in full load @230V/50Hz	Output Voltage
A40CV23W000B	96-960 mA	$\leq 0,15$ A	26,8 W	2,30-23,04 W	$\geq 0,93$	86 %	24 V

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

Safety standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017
Performance	EN62384
Surge	L-N: 1kV
RoHs	Complied to 2011/65/EU

Life time	50000h Tc = 85 °C 75000h Tc = 80 °C 100000h Tc = 75 °C
-----------	--

CV – ON/OFF – Constant voltage

Constant voltage LED driver / Alimentatore per LED a tensione costante

CV23W - Other electrical data		
Output type	Constant voltage	Features
IP grade	IP20	
Insulation class	Class II	
Nominal input voltage	220-240 VAC	Input
Input voltage	198-264 VAC	
Mains frequency	50/60 Hz, Range: 0/47-63Hz	
Input Current	≤0.15 A max	
Input Power	≤26.8 W max	
iTHD	≤10 % (230VAC, full load)	
Standby power Consumption	≤0.5 W (230VAC, full load)	
Inrush current	≤7.9A/2.6μs (230VAC, full load)	
Connected quantity of 10A Breaker	24pcs/type A; 39pcs/type B; 63pcs/type C	Output
Connected quantity of 13A Breaker	32pcs/type A; 51pcs/type B; 82pcs/type C	
Connected quantity of 16A Breaker	39pcs/type A; 63pcs/type B; 101pcs/type C	
Connected quantity of 20A Breaker	49pcs/type A; 79pcs/type B; 126pcs/type C	
Output voltage range	24 VDC ±5%	
No load voltage	24 VDC ±5%	
Efficiency	≥ 86% (230VAC, full load @ max current)	
Output voltage ripple	< 240mV _{PK-PK} (0,5%)	
PSTLM (Flicker value)	≤ 1	Protections
SVM (Stroboscopic effects value)	≤ 0,4	
Starting time	≤0.5S (230VAC, full load)	
Short circuit protection	Auto recovery	
Over current protection	120%-180%I _o , auto recovery	
Over voltage protection	110%-150%V _o , auto recovery	
Insulation voltage	3750V 5mA 2S between PRI-SEC	Environment
Insulation resistance	>100M ohm @500VDC	
Leakage current	I/P to O/P <250μA	
Ta/Operation temperature	-25...+50 °C	
Ts/Storage temperature	-25...+85 °C	
Tc/Enclosure temperature	85 °C	
Humidity	5%...85%RH	Construction
Atmosphere	86-108KPa	
Connection method	Push-in terminal	
Installation	Indipendent	
PRI wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC cable lenght	3M max	

CV – ON/OFF – Constant voltage

Constant voltage LED driver / Alimentatore per LED a tensione costante



Part number	Output Current	Input Current	Input Power	Output Power Range	λ Power Factor	Efficiency in full load @230V/50Hz	Output Voltage
A40CV36W000B	150-1500 mA	≤ 0,19 A	40,4 W	3,6-36,0 W	≥ 0,96	89 %	24 V

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

Safety standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017
Performance	EN62384
Surge	L-N: 1kV
RoHs	Complied to 2011/65/EU

Life time	50000h Tc = 90 °C 75000h Tc = 85 °C 100000h Tc = 80 °C
-----------	--

CV – ON/OFF – Constant voltage

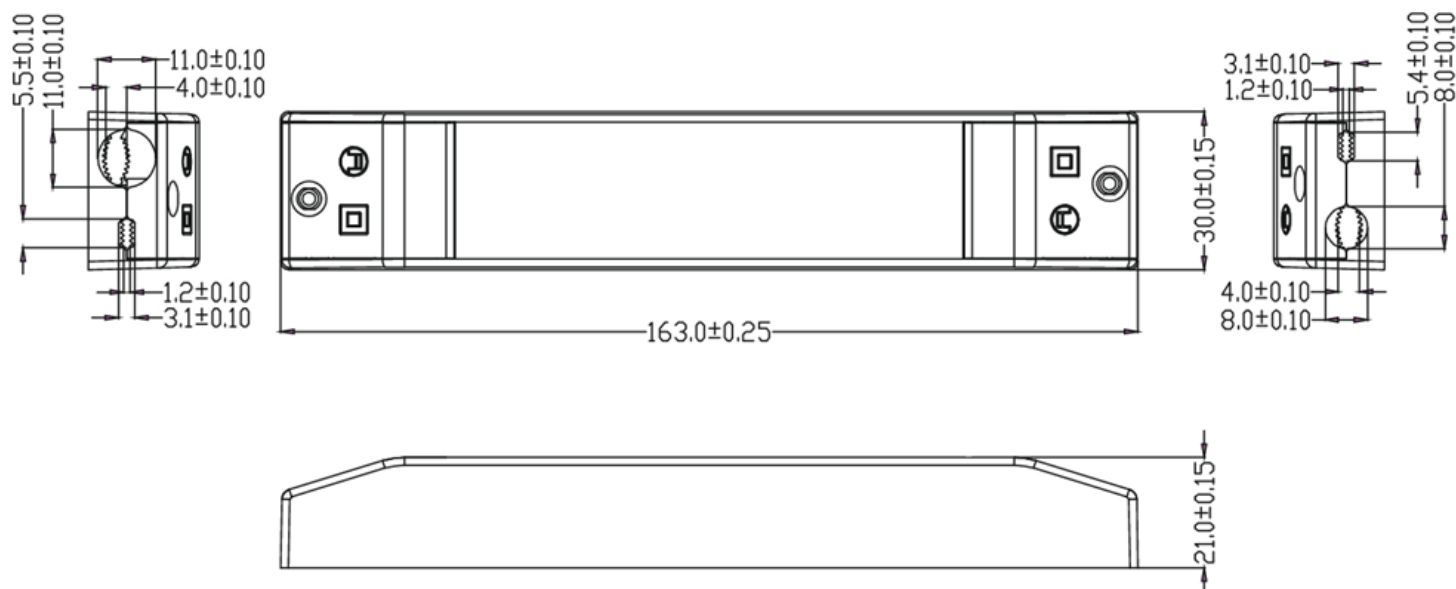
Constant voltage LED driver / Alimentatore per LED a tensione costante

CV36W - Other electrical data		
Output type	Constant voltage	Features
IP grade	IP20	
Insulation class	Class II	
Nominal input voltage	220-240 VAC	Input
Input voltage	198-264 VAC	
Mains frequency	50/60 Hz, Range: 0/47-63Hz	
Input Current	≤0.19 A max	
Input Power	≤40.4 W max	
iTHD	≤10 % (230VAC, full load)	
Standby power Consumption	≤0.5 W (230VAC, full load)	
Inrush current	≤7.9A/2.6μs (230VAC, full load)	
Connected quantity of 10A Breaker	24pcs/type A; 39pcs/type B; 63pcs/type C	Output
Connected quantity of 13A Breaker	32pcs/type A; 51pcs/type B; 82pcs/type C	
Connected quantity of 16A Breaker	39pcs/type A; 63pcs/type B; 101pcs/type C	
Connected quantity of 20A Breaker	49pcs/type A; 79pcs/type B; 126pcs/type C	
Output voltage range	24 VDC ±5%	
No load voltage	24 VDC ±5%	
Efficiency	≥ 89% (230VAC, full load @ max current)	
Output voltage ripple	< 240mV _{PK-PK} (0,5%)	
PSTLM (Flicker value)	≤ 1	Protections
SVM (Stroboscopic effects value)	≤ 0,4	
Starting time	≤0.5S (230VAC, full load)	
Short circuit protection	Auto recovery	
Over current protection	120%-180%I _o , auto recovery	
Over voltage protection	110%-150%V _o , auto recovery	
Insulation voltage	3750V 5mA 2S between PRI-SEC	Environment
Insulation resistance	>100M ohm @500VDC	
Leakage current	I/P to O/P <250μA	
Ta/Operation temperature	-25...+50 °C	
Ts/Storage temperature	-20...+90 °C	
Tc/Enclosure temperature	90 °C	
Humidity	5%...85%RH	Construction
Atmosphere	86-108KPa	
Connection method	Push-in terminal	
Installation	Indipendent	
PRI wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC cable lenght	3M max	

CV – ON/OFF – Constant voltage

Constant voltage LED driver / Alimentatore per LED a tensione costante

Product dimensions



Product weight

A40CV23W000B	95 gr.
A40CV36W000B	120 gr.