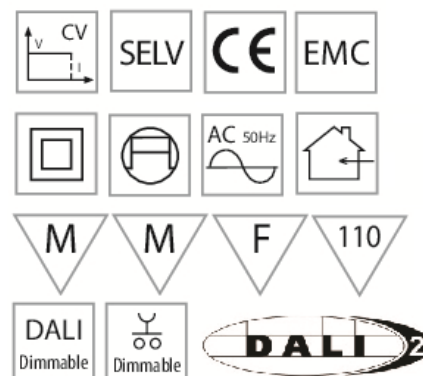


CV – DALI/PUSH Dimmable – Constant voltage

Constant voltage Dimmable LED driver / Alimentatore dimmerabile 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
A40CV23WD00B	80-960 mA	$\leq 0,15$ A	26,8 W	1,92-23,04 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
DALI performance	EN 62386-101 (DALI-2) EN 62386-102 (DALI-2) EN 62386-207 (DALI-2, including part 251,252,253)
Surge	L-N: 1kV
RoHs	Complied to 2011/65/EU

Life time	50000h Tc = 85 °C 75000h Tc = 80 °C 100000h Tc = 75 °C
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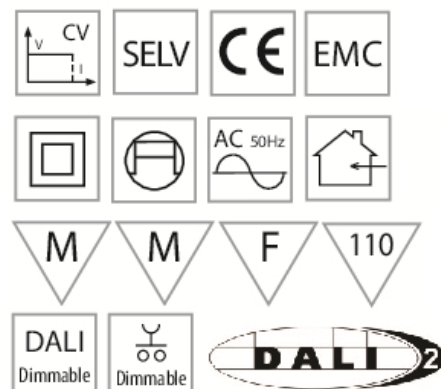
CV – DALI/PUSH Dimmable – Constant voltage

Constant voltage Dimmable LED driver / Alimentatore dimmerabile per LED a tensione costante

CV23WD - 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	
Connected quantity of 13A Breaker	32pcs/type A; 51pcs/type B; 82pcs/type C	Output
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	
SVM (Stroboscopic effects value)	≤ 0,4	
Starting time	≤0.5S (230VAC, full load)	Light control system
Secondary PUSH dimming	Secondary PUSH dimming (Max lead wire length: 20m, same port of DALI	
PUSH-button	Max parallel connections quantity for PUSH-dim 15	
DALI function	DALI dimming (Max leadwirelength: 300m) logarithm or linear dimming curve selectable	
Dimming range	DALI dimming: 0,1%-100%	Protections
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	
Insulation resistance	>100M ohm @500VDC	Environment
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	
DALI wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC cable length	3M max	

CV – DALI/PUSH Dimmable – Constant voltage

Constant voltage Dimmable LED driver / Alimentatore dimmerabile 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
A40CV36WD00B	80-1500 mA	$\leq 0,19$ A	40,4 W	1,92-36,0 W	$\geq 0,96$	89 %	24 V

Features

- IP20 independent LED driver (indoor use)
- Dimming type: PWM (DALI-2)
- 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)
- Dimming type: PWM (DALI-2)
- 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
DALI performance	EN 62386-101 (DALI-2) EN 62386-102 (DALI-2) EN 62386-207 (DALI-2, including part 251,252,253)
Surge	L-N: 1kV
RoHs	Complied to 2011/65/EU

Life time	50000h Tc = 85 °C 75000h Tc = 80 °C 100000h Tc = 75 °C
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CV – DALI/PUSH Dimmable – Constant voltage

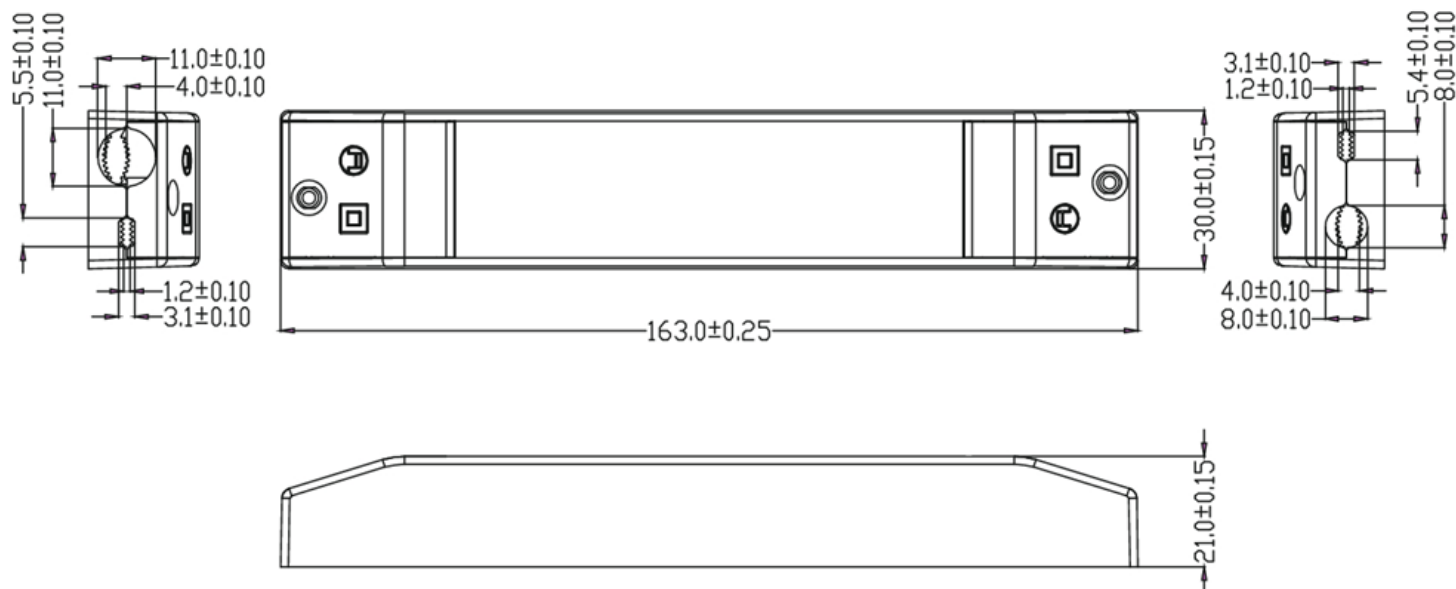
Constant voltage Dimmable LED driver / Alimentatore dimmerabile per LED a tensione costante

CV36WD - 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: 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	Light control system
SVM (Stroboscopic effects value)	≤ 0,4	
Starting time	≤0.5S (230VAC, full load)	
Secondary PUSH dimming	Secondary PUSH dimming (Max lead wire length: 20m, same port of DALI	
PUSH-button	Max parallel connections quantity for PUSH-dim 15	Protections
DALI function	DALI dimming (Max leadwirelength: 300m logarithm or linear dimming curve selectable	
Dimming range	DALI dimming: 0,1%-100%	
Short circuit protection	Auto recovery	
Over current protection	120%-180%I _o , auto recovery	
Over voltage protection	110%-150%V _o , auto recovery	Environment
Insulation voltage	3750V 5mA 2S between PRI-SEC	
Insulation resistance	>100M ohm @500VDC	
Leakage current	I/P to O/P <250μA	
Ta/Operation temperature	-25...+50 °C	
Ts/Storage temperature	-20...+85 °C	
Tc/Enclosure temperature	85 °C	Construction
Humidity	5%...85%RH	
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	
DALI wire preparation	0,5-1,5 mm ² / 8-9mm	
SEC cable length	3M max	

CV – DALI/PUSH Dimmable – Constant voltage

Constant voltage Dimmable LED driver / Alimentatore dimmerabile per LED a tensione costante

Product dimensions



Product weight

A40CV23WD00B	100 gr.
A40CV36WD00B	105 gr.