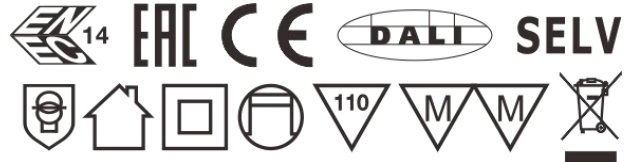




CC60W350-900CG DALI/1-10V

**Constant Current & Dimmable Driver**

**Model: CC60W350-900CG DALI**



Model	Output Current (230V Full Load)	Input Current (230V Full Load)	Input Power (230V Full Load)	Output Power Range	PF (Full Load)	Efficiency (Full Load)	Output Voltage
CC60W350-900CG DALI	900mA	0.45A	70W	4.2-60W	0.9	85%	6-58V

## 1. Parameters

category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	1-10V dimming
	Dimming Range	Primary PUSH & DALI dimming: 0%-100% 1-10V dimming: 2%-100%
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.45A (198VAC, full load)
	Input Power	≤70W (230VAC, full load)
	Power Factor	≥0.90 (230VAC, min load)
	THD	≤20% (230VAC, full load)
	No-load power	≤2.5W
	Stand-by power	≤0.5W (@230VAC when PUSH or DALI turn off)
	Inrush Current	<20A (Half current pulse width 100US) @230V AC
Connected quantity of 16A Breaker	25pcs/type B ; 40pcs/type C @ 230Vac	
Output	Ripple requirement (Flickering or flickering-Free)	Flicker value: less than 2% for whole dimming range
	Output Voltage Range	6-58VDC
	No Load Voltage	68VDC Max.
	Output Current	2x350MA(6-58V)/2x500MA(6-58V) 2x700MA(6-42V) /2*900MA(6-33V)
	Constant current accuracy	±5%
	Max. Output Power	60W

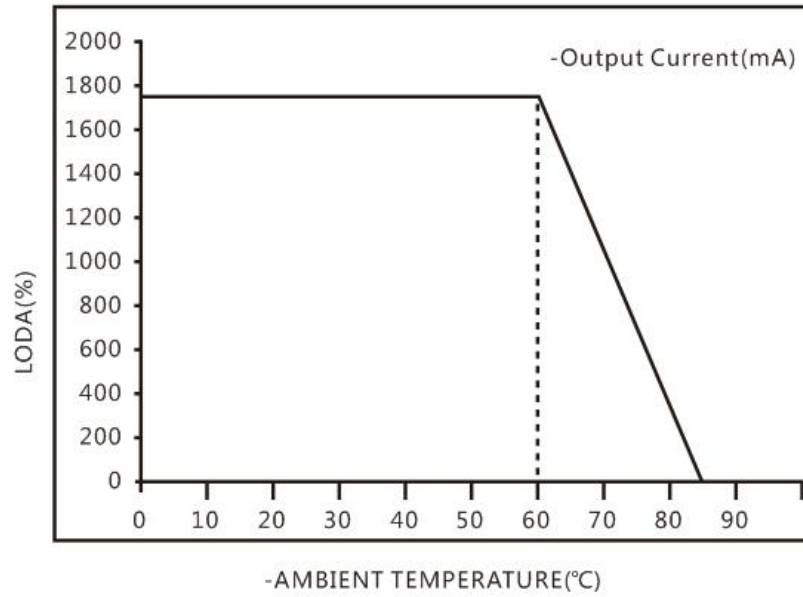
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Hueckstraße 19  
DE-58511 Lüdenscheid

KGP-V0.01

	Efficiency	≥85% (230VAC, full load)
	Started Delay Time	≤1S (230VAC, full load)
Control Method	Primary PUSH dimming	Primary PUSH dimming (Max. lead wire length: 20m)
	1-10V (0-10V) dimming	1-10V dimming (Port current < 1mA), no turn off function (Max. lead length: 20m)
	Dimming range	Primary PUSH & DALI dimming: 0%-100% 1-10V dimming: 2%-100%
	Primary PWM dimming	1-10V port PWM dimming (3KHz-8KHz)
	Potentiometer	Yes, 100kΩ
	DALI dimming	DALI dimming (Max. Lead length: 300m)
	Protection	Input over voltage protection
Output over voltage protection		N/A
Output over load protection		Yes
Output no load protection		N/A (Can be inquired)
Output over temperature protection		Yes, without self recovery function (Can be inquired)
Output short circuit protection		Yes, without self recovery function (Can be inquired)
Insulation voltage		I/P to O/P, 3KVac/1min
Insulation resistance		>100M ohm @ 500VDC
Leakage current		I/P to O/P < 250μA
Environment	Ta/Operation Temperature / humidity	-25~+50°C, Humidity: 85% (Non-condensing)
	Ts/Storage Temperature	-40~+80°C
	Tc/Enclosure Temperature	85 °C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Independent installation
	PRI Wire preparation	0.75-1.5 <sup>□</sup>
	SEC Wire preparation	0.75-1.5 <sup>□</sup>
	Dimension	202*58*30mm (L*W*H)
Standards	Certification	ENEC CE
	Safety Standards	EN61347-1:2015, EN61347-2-13:2014/A1:2017, EN 62493:2015
	EMC Standards	EN55015:2013/A1:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN61547:2009
	DALI protocol standard	IEC62386-102 IEC62386-207
	Surge	L-N/1KV (L/N)-PE/2KV
Others	RoHS	complied to 2011/65/EU
	Blackout memory function	Yes, PUSH blackout memory



## 5. Derating



## 6. Wiring Diagram

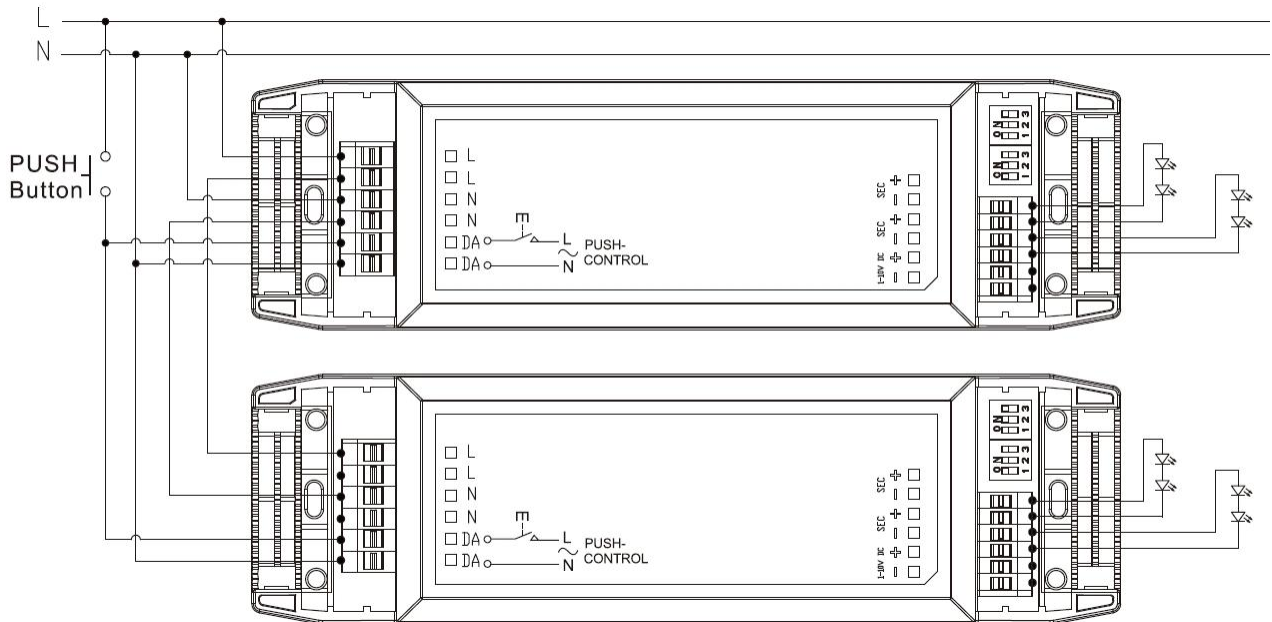
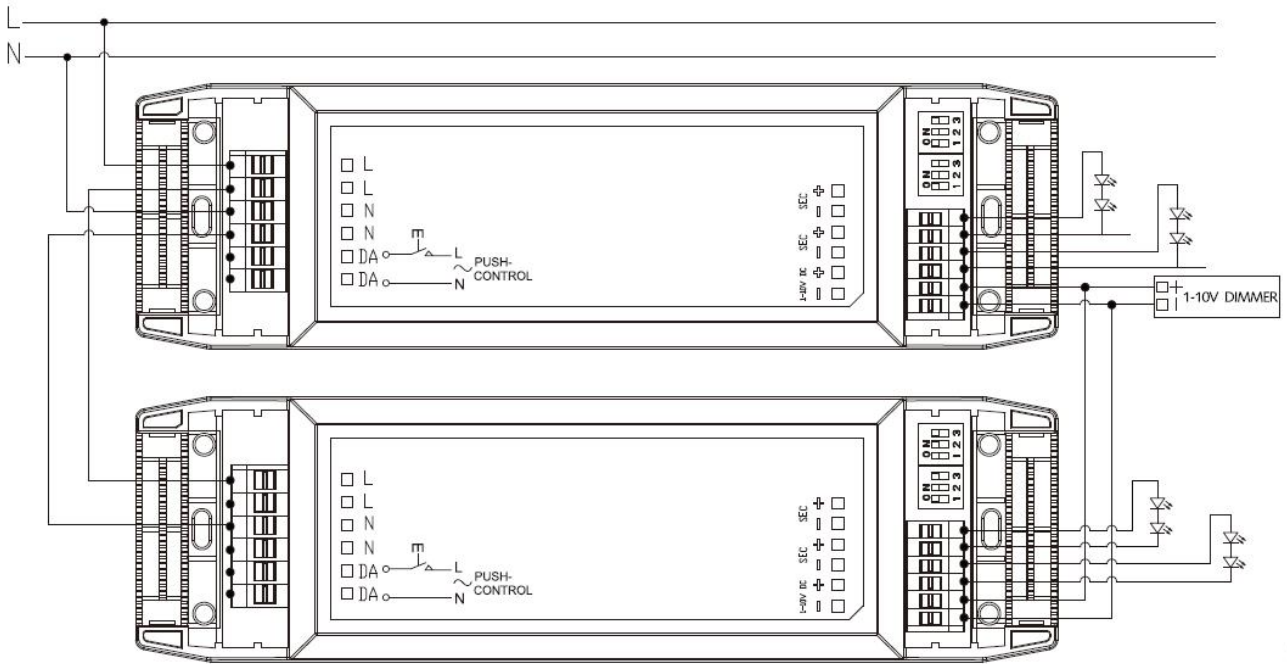
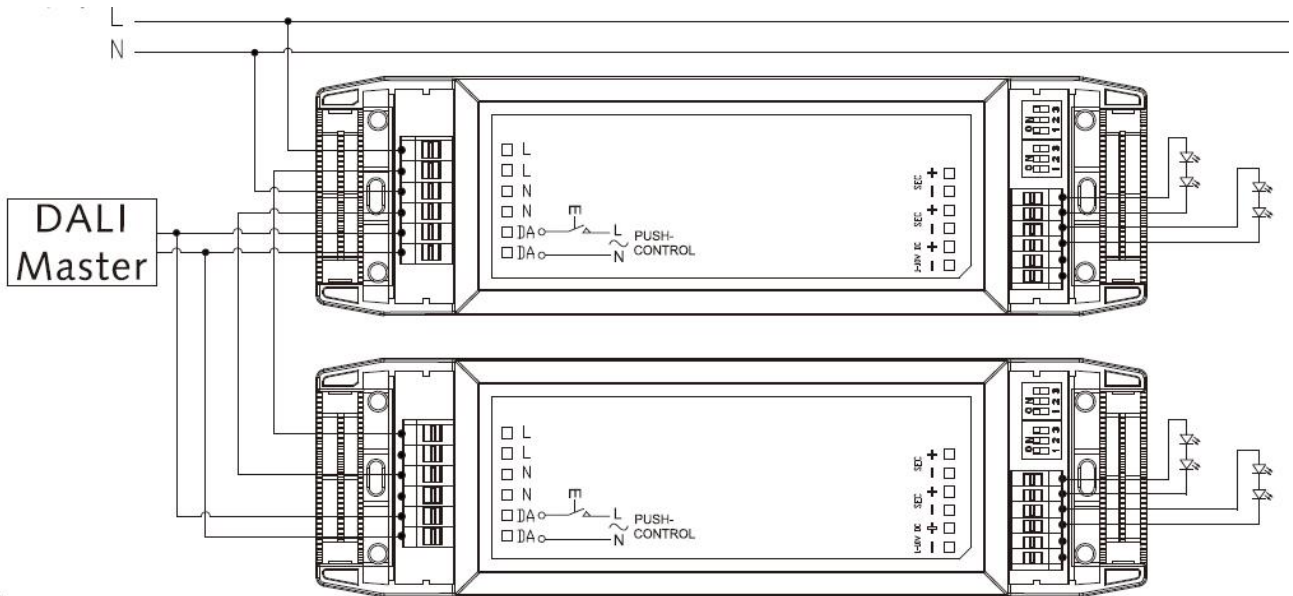


Fig. A Push Dimming



**Fig. B 1-10V Dimming**



**Fig.C DALI dim**