

BMP21D-1SMC (Product No.:202100020101)

BMP21D-1SMC is a DC/DC constant current output LED driver.The output current can be set via DIP switch.It can be controlled by DALI master, and the dimming curve is smooth and flicker free.

Product Feature

- Output current 700-1050mA, can be set via DIP switch
- Compliant with DALI 2.0 standard protocol
- Mixed dimming PWM+CCR, no flicker
- Short circuit protection, overload protection,no load protection,Input reverse connection
- Built-in driver
- Hot plug for input port and non polarized

Technical Parameters

Model	BMP21D-1SMC				
Input	Efficiency	89%			
	Voltage	45V-51VDC			
	Current	0.63Amax@48VDC, full load			
	Standby Power	<0.3W			
Output	Current/Voltage/Power	700mA/9-20VDC/14W 900mA/9-20VDC/18W	750mA/9-20VDC/15W 950mA/9-20VDC/19W	800mA/9-20VDC/16W 1000mA/9-20VDC/20W	850mA/9-21VDC/17W 1050mA/9-20VDC/21W
	Accuracy	±8% [9-40VDC]			
	Out put lf current ripple(< 120Hz)	Same as LF ripple on 48V bus			
	Channel	1			
Function	Dimming mode	DALI 2.0 Dimming			
	Dimming depth	1%			
Protection	No-load operation	The led driver will not be damaged in no-load operation			
	Short circuit	Shut down the output self-recovery after removing the fault			
	Over load	When the output voltage is exceeded, the output current decreases and, recovers automatically when the load is reduced.			
	Input reverse connection	Operation normally			
	Hot plug	Input Support			
Others	Pcb Dimension	125*14.5*10mm (L*W*H)			
	Packing(weight)	Net weight: 15g±5%/PCS; 200PCS/Carton; 3.7kg±5%/Carton; Carton Size: 276*180*136mm(L*W*H)			
	Operating Temperature	-20 C ~ 60 C			
	Tc	90 C			
	Life	50000 hours @ta:50 C			
	Storage Temperature	-40~80 C			
	Relative Humidity	20~90% RH			

Safety Standard :

- EN 61347-1
- EN 61347-2-13
- EN 62384
- EN 62386-101
- EN 62386-102
- EN 62386-207

Suitable For Stucchi

- STUCCHI
- 9519-166/...
- 9519-166-k/..

Dimension(mm)



