

FEATURES

- High Efficiency & Long Life
- Wide Input Range for Worldwide use (up to 305Vac)
- Built-in PFC Function: up to PF 0.99
- IP65 Design for Outdoor Installation
- Suitable to Dry, Damp, Wet Location
- Compact Size
- High Surge Protection: 4kV(IEC61000-4-5)
- 0-10V Dimming
- Isolation Class II Design, No F.G.
- Type HL LED Driver for use in Class I Division 2 hazardous location luminaires
- Protections: Short Circuit/ Over Voltage/ Over Temperature
- Class 2 power unit



PRODUCT HIGHLIGHT

Output Voltage/Current 40W/1400mA

Dimming: 0-10V Dimming

SPECIFICATION

Model Name	FSP40-ZZAP1(140)VG	
Wattage	40W	
Case	Plastic	
IP Level	IP65	
Dimming	0-10V Dimming	
Input Electrical Specification	Input Voltage	100~277 Vac
	Input Frequency	47~63 Hz
	PFC	$\geq 0.99/120\text{Vac}$, $\text{PF} \geq 0.97/230\text{Vac}$, $\text{PF} \geq 0.94/277\text{Vac}$ at full load
	Input Current	$\leq 0.41\text{A} /120\text{Vac}$; $\leq 0.21\text{A} /230\text{Vac}$; $\leq 0.18\text{A} /277\text{Vac}$
	Inrush Current	<6A @ Cold start, 230Vac, Full load
Constant Current / Constant Voltage	Constant Current	
Output Voltage and Current Rating	Output1	15-30 V , 1400 mA
	Efficiency	$\geq 90\%$
Output Electrical Specification	Life	50,000 hours at T_{case} of $\leq 65^{\circ}\text{C}$
	Protection Function	OVP,OTP,SCP
	TEMP. Range	Operating : -20°C to $+70^{\circ}\text{C}$ Storage : -40°C to $+85^{\circ}\text{C}$
Environmental Requirement	Insulation	Primary to Secondary: 500Vdc,25M ohms min.
	EN55015	Class B Conducted, Class B radiated
EMC performance	EN61000-3-2	Class C
	EN61000-4-5	Differential Mode: 4KV
	Dimension	97.5mm(L) x 72mm(W)x 32mm(H)

PROTECTION FUNCTIONS

OVP,OTP,SCP

This content is subject to change, please refer to specification for more detail.
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