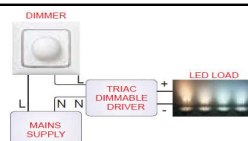


Features		Ordering Information			
Universal AC input		O/P VOLTAGE	O/P CURRENT	MODEL NO.	
Protections-Short circuit /Over voltage /Over temperature		27-42 VDC	0.350 A	PI-13-FD-114A PI-13-FD-114A-IP (FOR POTTED)	
Built -in active PFC function					
Output current level adjustable (Factory Set)					
100% full load burn-in-test		14-21 VDC	0.700 A	PI-13-FD-215A PI-13-FD-215A-IP (FOR POTTED)	
High reliability					
Suitable for built-in-applications of LED lighting					
2 years warranty					
Specification		PI-13-FD-114A		PI-13-FD-215A	
OUTPUT	DC VOLTAGE	42VDC		21VDC	
	CONSTANT CURRENT OPERATION VOLTAGE	27-42 VDC		14-21 VDC	
	RATED CURRENT	0.350 A		0.700 A	
	RATED POWER	14.7W		14.7W	
	CURRENT TOLERANCE	+/- 5%		+/- 5%	
	VOLTAGE TOLERANCE	+/- 5%		+/- 5%	
	LINE REGULATION	+/- 5%		+/- 5%	
	LOAD REGULATION	+/- 5%		+/- 5%	
	RIPPLE	1.4 Volt		1.4 Volt	
INPUT	OPERATING VOLTAGE RANGE	220-240 VAC		220-240 VAC	
	SUPPLY VOLTS (Vn)	240 VAC		240 VAC	
	SUPPLY CURRENT (In) @ 240Vac	140mA		120mA	
	WATTS (Pn)	17.5		17.5	
	POWER FACTOR (PF) (AT FULL LOAD)	>0.9		>0.9	
	CURRENT CREST FACTOR	<1.7		<1.7	
	CURRENT THD% (AT FULL LOAD)	<20 %		<20 %	
	INRUSH CURRENT	7.8 A @ 18 μsec		7.8 A @ 18 μsec	
	EFFICIENCY (AT FULL LOAD)	>80%		>80%	
DIMMING CONTROL	DIMMING OPTIONS	TRIAC PHASE CUT DIMMING (Suitable for Leading Edge dimmers)		TRIAC PHASE CUT DIMMING (Suitable for Leading Edge dimmers)	
	DIMMING SIGNAL	DIMMING RANGE: 100% to 10%		DIMMING RANGE: 100% to 10%	
PROTECTION	O/P OVER VOLTAGE	AVAILABLE		AVAILABLE	
	I/P OVER VOLTAGE	NA		NA	
	I/P UNDER VOLTAGE	AVAILABLE		AVAILABLE	
	OVER LOAD	AVAILABLE		AVAILABLE	
	SHORT CIRCUIT	AVAILABLE		AVAILABLE	
	I/P FUSE	AVAILABLE		AVAILABLE	
	REVERSE POLARITY	AVAILABLE		AVAILABLE	
	THERMAL CUTOFF	AVAILABLE		AVAILABLE	
PHYSICAL CHARACTERISTICS	LED DRIVER SHAPE	RECTANGULAR		RECTANGULAR	
	DIMENSIONS(L*W*H)	84.41(L)X38.47(W)X22(H)mm		84.41(L)X38.47(W)X22(H)mm	
	WEIGHT IN Gms	65 Gm		65 Gm	
	DIMENSIONS (L*W*H) (with casing)	115(L)X43(W)X28(H)mm		115(L)X43(W)X28(H)mm	
	WEIGHT IN Gms (CASING)	95 Gm		95 Gm	
	DIMENSIONS (L*W*H) (Applicable for Potted Model only)	90(L)X41.7(W)X30(H)mm (+20mm length extra for Side Caps)		90(L)X41.7(W)X30(H)mm (+20mm length extra for Side Caps)	
	WEIGHT IN Gms (Applicable for Potted Model only)	165 Gm		165 Gm	
	MAXIMUM TEMP. tc (°)	90 °C		90 °C	
	OPERATING AMBIENT TEMP(ta)	-10 DEG .C TO + 70 DEG.C		-10 DEG .C TO + 70 DEG.C	
SAFETY&EMC	SAFETY STANDARDS	IEC 61347-2-13		IEC 61347-2-13	
	INSULATION RESISTANCE	>500M OHM@1000VDC		>500M OHM@1000VDC	
	EMC EMISSION	Compliance to EN61000-3-3,		Compliance to EN61000-3-3,	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11		Compliance to EN61000-4-2,3,4,5,6,8,11	
GENERAL	HV TEST ACROSS SHORTED I/P & O/P	2 kV		2 kV	
	SURGE	+/- 2 kV		+/- 2 kV	
	ISOLATION BETWEEN I/P & O/P	AVAILABLE		AVAILABLE	
	TERMINATION	PCB Mounted Screw Terminal		PCB Mounted Screw Terminal	
	TERMINATION (Applicable for Potted Model only)	WIRES – I/P Blue (N),Brown(L) , O/P- Red(+),Black(-)		WIRES – I/P Blue (N),Brown(L) , O/P- Red(+),Black(-)	
	PCB TYPE	GLASS EPOXY		GLASS EPOXY	
	PACKING	230 PCS. PER BOX (WITH CASING)		230 PCS. PER BOX (WITH CASING)	
RELIABILITY TEST	LOW VOLTAGE TEST	OK		OK	
	HIGH VOLTAGE TEST	OK		OK	
	TEMPERATURE TEST	70 °C		70 °C	
(*) Indicates Temperature Of O/P Capacitor					

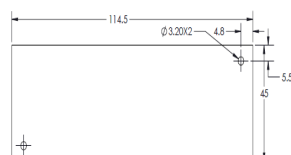
(*) Indicates Temperature Of O/P Capacitor

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2 years
warranty

Mounting Details



Mounting Details (For Potted Model)
(Alluminium Casing)

