



PRODUCT SPECIFICATION SHEET

Model No	SD36I0750PPB(Mini DIP)	Format No: IEPL/DND/DI/02-B
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I. Model Description

Code	Parameter	Description
S	LED Driver Shape	Square
O	Application	INDUSTRIAL/OUTDOOR
36V	Output Voltage	36Vdc
I	Constant Type	CONSTANT CURRENT
750	Output Current	0.75A
P	Power Factor Correction & Technology	PSR
PB	Material Type	PLASTIC

II. Test Parameters - Input Characteristics

		Specification
1.	Supply Voltage (Un) (V)	240V
2.	Supply Current (In) (A)	0.116
3.	Watts (P) (W)	27
4.	Power Factor (PF)	0.97
5.	Current Crest Factor	1.4
6.	Current THD%	<10%
7.	No Load/Stand by Power	<1.5
8.	Operating Voltage Range (VAC)	150-280(VAC)
9.	Potting Applicable /Not Applicable	Applicable

III. Test Parameters - Output Characteristics

1.	Output Volts (VDC)	36
2.	Output Current (A)	0.75
3.	Output Watts(P) (W)	25
4.	Output Volts at no load (VDC)	42
5.	Efficiency (n)	>85%
6.	Ripple voltage V(p-p)	<30%
7.	Ripple Current (%),Ipk/Iavg	-
8.	Load regulation	5%
9.	Line regulation	3%
10.	Output Operating Voltage Range	30-42(VDC)

IV. Protections

1.	I/P Over voltage protection(OVP)	310±5 VAC
2.	Overload Protection	Protected
3.	Output short circuit protection	Protected
4.	Fuse protection	Protected
5.	Over Temperature Protection(Deg.C)	Not Protected
6.	Auto Recovery(Deg.C)	NA
7.	Low voltage test at 150V for 100 hrs	Protected
8.	Sustain over voltage test at 320V for 48hrs	Protected

9.	Sustain over voltage test at 440V for 8 Hrs	Protected
V. Physical Characteristics		
1.	Box Dimensions (LxWxH), in mm	97X44X32
2.	Mounting Holes distance in mm	88
3.	Weight in gms.	45
4.	Maximum operating case temp, tc	65 deg C
5.	Operating Ambient temp range (ta)	0-50 deg C
VI. Standards Conformation		
1.	Safety Requirements	EN61347-1,EN61347-2-13
2.	Performance	NA
3.	EMI /RFI	NA
4.	Harmonics	EN6100-3-2
5.	Immunity	EN61547
6.	Applicable statutory Requirement	Covered in above 1,4 and 5
VII. Approval Marks		
1.	CE	NA
2.	BIS	R-7500825
VIII. Others		
1.	Surge Protection	DM 4KV
4.	Insulation Resistance Between 1- L,N Short & E. 2-O/P Short & E. 3-L,N Short & O/P Short	>2M
5.	Isolation between I/P and O/P(kV)	3KV for 1 min.
IX.DIP Switch		
Pin 1	Pin 2	Iout (mA)
ON	ON	750
OFF	ON	700
ON	OFF	650
OFF	OFF	600
Note:- 1) All Above specifications are under specified normal Test conditions and subjected to change without prior information. 2) 3)		
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