

 PRODUCT SPECIFICATION SHEET		
Model No	SD36I1050PPB(Mini DIP)	Format No: IEPL/DND/DI/02-B
I.Model Description		
Code	Parameter	Description
S	LED Driver Shape	Square
O	Application	INDUSTRIAL/OUTDOOR
36V	Output Voltage	36Vdc
I	Constant Type	CONSTANT CURRENT
1000	Output Current	1.00A
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)	0.175
3.	Watts (P) (W)	40
4.	Power Factor (PF)	0.95
5.	Current Crest Factor	1.5
6.	Current THD%	<10%
7.	No Load/Stand by Power	<2W
8.	Operating Voltage Range (VAC)	140-280 (VAC)
9.	Potting Applicable /Not Applicable	Applicable
III. Test Parameters - Output Characteristics		
1.	Output Volts (VDC)	36
2.	Output Current (A)	1
3.	Output Watts(P) (W)	36
4.	Output Volts at no load (VDC)	46
5.	Efficiency (n)	>85%
6.	Ripple voltage V(p-p)	<30%
7.	Ripple Current (%),I _{pk} /I _{avg}	—
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)	N/A
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.	90
4.	Maximum operating case temp, tc	75 deg C
5.	Operating Ambient temp range (ta)	0-50 deg C
VI. Standards Conformation		
1.	Safety Requirements	IS15885 Part 2/Sec 13
2.	Performance	NA
3.	EMI /RFI	NA
4.	Harmonics	EN61000-3-2
5.	Immunity	EN61547
6.	Applicable statutory Requirement	Coverd above 1,4 & 5
VII. Approval Marks		
1.	CE	N/A
2.	BIS	R-75000825
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	1050
OFF	ON	950
ON	OFF	900
OFF	OFF	800
Note:- 1) All Above specifications are under specified normal Test conditions and subjected to change without prior information. 2) 3)		
Date : 02-Feb-2023		Issue No: 00
Revision no: 01		Controlled By : Prasad Khatavkar