



# PIONEER AUTOMATION SYSTEMS

H.NO :- 290, Near Sai Prathesh Co-op Hsg, Kansai Gaon, Ambarnath :- ( E ) 421 501 Dist :- Thane, Maharashtra.

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## Model :- PAS - 24 V DC

### 24 Watt Single O/P POE AC - DC Converter

- ➔ Extremely Small Size .
- ➔ Short Circuit Protection .
- ➔ Over Load/ Voltage Protected .
- ➔ Low Working Temperature .
- ➔ Isolated between I/P & O/P .
- ➔ Low Ripple & Noise .
- ➔ Easy Connection .
- ➔ High efficiency .
- ➔ Reliable & Cost Effective
- ➔ 3 Year Product Warranty .



20 - 24 W

## Specifications

Input	48 V DC ( 36 TO 71 DC )
Inrush Current	10 Amp Max.
Dc Output	24 V Dc
Current Rating	500 MA (24 W)
I/O	Pin ( + 4,5 ) ( - 7 ,8 )
Line Regulation	+/- 0.5%
Load Regulation	+/- 0.5%
Ripple	Less Than 1 % PK-PK ( BW 20 Mhz )
Noise	Less Than 1 % PK-PK ( BW 20 Mhz )
Short Circuit Protection Auto Recovery Type	Yes
Over Voltage	Set at 125 % ( +/- 5%) of Output Voltage
Isolation	I/P to O/P :- 3 kv
Input to Earth	1.5 Kv
Output to Earth	1 Kv
MTBF 50 k Hrs to MII	Yes
IEEE 802.3AF Compliant	Yes
Over Temperature auto recovery type 80D C	Yes
Environmental Operating Working Temp.	- 10 to 70 Deg . C.
Efficiency	85 % Typical @ Full rated Load
Safety Standards	As per UL 1950, IEC950
Mechanical Dimension	93 mm ( L ) X 48 mm( W ) X 32 mm ( H )
Soft Start	Yes
RJ 45 Connector	Shielded Type
<b>Metal Box</b>	<b>For Lightning Protection</b>