

TECHNICAL SPECIFICATIONS OF POWERSUPPLIES (For TELECOMMUNICATION APPLICATION)

DC-DC CONVERTER-MODEL-SDE-48/24VDC (0.5)

!) INPUT I/P 48VDC

Soft Start: Yes

Reverse polarity protection provided

OUTPUT Nominal Voltage 24VDC

Rated Current : 500mA.

Rated Power 12Watt

Line Regulation +/- 0.5%

Load Regulation +/- 0.5%

Ripple Max less than 1% (P-P) of rated voltage.

Noise Max less than 1% (P-P) of rated voltage.

PROTECTION a) Short circuit protection auto recovery type: Yes

b) Over temperature auto recovery type: 80°C ± 5
degrees

Current Limit .: Yes

Start up time 6.5sec

Environmental Operating temperature up to 70D C.

Humidity < 95% Rh

GENERAL Built in Power Factor Correction- 0.99

Isolation Input to Output – 1.5KV

Input to Earth – 1.5KV

Output to Earth- 500V

MTBF 50K Hrs to MIL

Efficiency: 87%

PCB SIZE 135 X 65 X 35 (mm)

DATA IN / POE RJ 45 CONNECTORS

APPLICATION: POE –POWER OVER ETHERNET



We deal in...

Wire-wound resistors, rehostats, load bank, aluminium housing resistors, DBR

Power Products : SMPS, DC-DC Converters, CVT, Stabilizers, Servo Stabilizers, UPS, Invertors & Batteries.

2) S.M.P.S.-MODEL-SDE-48VDC (0.8A)

INPUT VOLTAGE 110VAC TO 250VAC
OUTPUT VOLTAGE 48VDC @ 0.8A
EFFICIENCY 85 %
OUTPUT RIPPLE 1% MAX
LINE REGULATION +/- 0.5%
LOAD REGULATION +/- 0.5%
OPERATING TEMPERATURE -10C TO +60Deg C
STORAGE TEMPERATURE -20C TO +85Deg C
DATA IN / POE Rj45 SOCKET
SIZE : 135 X 65 X 35 (mm)

3) DC-DC CONVERTER-MODEL-SDE-48/24VDC (0.5A)

INPUT VOLTAGE 48VDC
OUTPUT VOLTAGE 24VDC @ 0.5A
EFFICIENCY 85 %
OUTPUT RIPPLE 1% MAX
LINE REGULATION +/- 0.5%
LOAD REGULATION +/- 0.5%
OPERATING TEMPERATURE -10C TO +60Deg C
STORAGE TEMPERATURE -20C TO +85Deg C
DATA IN / POE Rj45 SOCKET
SIZE : 135 X 65 X 35 (mm)



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