



MSMPS104A - Power Supply, 8-20VDC in, 5V 10A out, 12V 1A out, EN60950

Features

- Wide range power input 8-20V, (30V in peak @ 2sec.)
- Performance 75W
- E1, EN60950
- 5V/12V outputs



Technical Specifications

FEATURE	MSMPS104A
Part no.	806040
Function	Power supply
ISA-BUS	not mounted
Protective features	Reverse polarity, Fuse, Overload
BUS compatibility	-
Controller	Monitor
Vinput (nom.)	12V (8V-20V)
1st output	5V 10Amp
2nd output	12V, 1Amp
Power normal	75W, n=90%
Remote on/off input	optoisolated (ignition)
Power monitoring	Uin, Uout
Operating temperature	-25°C to +60°C
Extended operating temperature	-40°C to +85°C*
Size (W x L x H in mm)	90 x 96 x 17
Weight	85 g
Software support	-
MTBF	100'000h
Complies to	E1, EN60950
*reduced power to 50W	

Description

The MICROSPACE® PC104 MSMPS104A expansion card has 5V and 12V outputs which are generated from an 8-20V input voltage range using an efficient voltage regulator switch. This card fulfills the safety regulations for vehicles, (i.e., European Union - EN 60950 Low Voltage Directive). A very effective, flat heat pipe can be used for cooling. The power supply can be turned on and off using a remote function (i.e., ignition signal).

Ordering Information

Item Code	Part #	Description
MSMPS104A	806040	Power Supply, 8-20VDC in, 5V 10A out, 12V 1A out, EN60950
PSCS-cooler	806046	Heatpipe cooling solution for MSMPS104A/B

Data subject to change without notice