



FEATURES

3U x 19" x 260 mm
 From 1 to 8 PSU FAB0501009
 INPUT : 36-75 Vdc
 OUTPUT : 48Vdc
 POWER : n x 500W (n is the number of PSU)
 Efficiency : 87 % typ.
 Convection cooled



APPLICATIONS

Telecom.

INPUT

Voltage range : 36 - 75V
 Nominal : 48 Vdc
 Input protection : n x fuse 20A
 transient and surges protected
 reverse polarity protected

OUTPUT

Voltage : 48Vdc
 Current : n x 10,4A nominal
 Trim range : 90 % to 110 % of 48Vdc (factory adjustable)

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,01 %	0,5 %	Low line to high line ; full load
Load regulation	0,2 %	1 %	No load to full load
Ripple and noise	0,5 %	1 %	Peak to peak, nom. Input ; full load
Current limit	115 % of I nominal		Vout = 95% of nominal ; Automatic restart

SPECIAL FEATURES

From 1 to 8 PSU FAB0501009 with input voltage detection circuit

Input range : 36-50,2 Vdc

Switch in Input to output direct transfert operating mode

Efficiency : 96 % typ.

Input range : 50,2-75 Vdc

Switch to FAB0501009 operating mode

Vout = 50,5Vdc

Efficiency : 87 % typ.

SIGNALS

Output OK : Green led when FAB0501009 is operating

OVP : Red led, Vout > 53Vdc, switch in FAB0501009 operation

ENVIRONMENTAL

Storage temperature : -40°C to +100°C

Operating temperature : -20°C to 25°C ambient at 60 % of nominal power, convection cooled

-20°C to 55°C ambient, nominal power, forced air

ISOLATION

Input to chassis : 500 Vrms or 700 Vdc

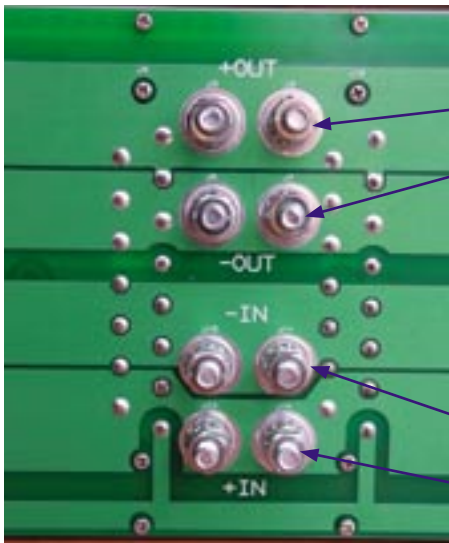
Output to Chassis : 500 Vrms or 700 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022A, conducted.

MECHANICALS



OUTPUT : M6 studs

DESCRIPTION

+ OUT

- OUT

INPUT : M6 studs

DESCRIPTION

- IN

+ IN