	PSA-360xx (1 Phase	Y		Footyges		
022200	Specifications	,		Features:		
15.555	Specifications			Multiple overload/ short circuit protection n Ffficiency shove 91%		
_ · · · ·				Efficiency above 91% Easy parallel connection for more power		
9 Millett Corp.				Small size		
THE REAL PROPERTY.	(III)	(6 11		DIN rail mountable		
Santaland Present State of Cast State of Cas	(I), (S)	16		Cooling by free air convection		
Cat fair Frid Head	unter	SAME!		 UL508 (industrial control equipment) appro 		
		=		• EN60950-1		
MI 48 15				Built-in DC OK relay contact		
1000				3 year warranty		
MODEL	IDOVOITAGE	PSA-36012 (only on request)	PSA-36024	PSA-36048 (only on request)		
	DC VOLTAGE RATED CURRENT	12 V	24 V	48 V		
	CURRENT RANGE	16 A Refer to Output derating curve	14 A	7A		
	RATED POWER	336 W	336 W	336 W		
	RATED FOWER	80 mVp-p	80 mVp-p	80 mVp-p		
	DIDDLE & MOICE (max)		andwidth by using a 12" twisted pair-wire termina	ACCUPATION OF THE ACCUPATION OF THE PROPERTY O		
	RIPPLE & NOISE (max) VOLTAGE ADJ. RANGE (DC)	10 V – 14 V	22 – 27 V	41 – 55 V		
	VOLINGE ADD. RAINGE (DO)	10 V - 14 V	-0.03	-0.03		
	VOLTAGE TOLERANCE	Tolerance: includes set up tolerance, line reg	POT 67	-0.03		
	START UP WITH STRONG LOAD	≤ 50,000 µF	signation and load regulation. ≤ 50,000 μF	≤ 50,000 µF		
	CURRENT SHORT CIRCUIT Icc	30 A	30 A	15 A		
	Max 2 sec.: Hiccup mode		30 A	13/4		
	Permanent Continuous mode			1		
	DISSIPATION POWER LOAD mas	28 W	28 W	28 W		
	LINE REGULATION	± 0.5%	± 0.5%	± 0.5%		
	LOAD REGULATION	± 1%	±1%	± 1%		
		1 sec. (max)	4 F-707	15.335		
	SETUP, RISE TIME	the state of the s	st start. Turning ON/OFF the power supply may le	ead to increase of the set up time.		
OUTPUT	HOLD UP TIME (Typ.)	Typ. 20 msec	a construction of the point of			
JULIA	CJF4	90 – 135V AC / 180 – 264V AC by switch				
	VOLTAGE RANGE					
	FREQUENCY RANGE	47 – 63 Hz +-6%				
	EFFICIENCY (Typ.)	>91 %	>91 %	>91 %		
	AC CURRENT (115 – 230 Vac.)	3.3 – 2.2 A	21 (/J.C.153.)	2 WEC-0763		
	INRUSH CURRENT (Typ.)	< 16 A < 5 msec				
	INTERNAL FUSE	T 6.3 A				
	EXTERNAL FUSE (recommended)	16 A (MCB curve B)				
INPUT	LEAKAGE CURRENT	< 1.5 mA @ 230 Vac				
		In (60°C) x 1.5 3 3 min.;				
	and recovered	Current max. Overload = 4Vdc (permanent)	Imax=In (60°C) x (1.8 - 2.2)			
	OVERLOAD	4.00	7174	100		
	Part and Testing Control of the	14 - 17 Vdc	30 – 35 Vdc	50 – 55 Vdc		
	OVER VOLTAGE		AND THE CONTRACT OF THE CONTRA			
	MATERIAL TO SAFETY AND	Yes. Shuts down output and automatically re	starts when the temperature inside goes down			
	OVER TEMPERATURE					
		1 Hiccup Mode				
	SHORT CIRCUIT PROTECTION	2 Fold Back				
PROTECTION	4	3 Restart After Main				
FUNCTION	DC OK AKTIV SIGNAL (max.)	10 - 14 Vdc	20 - 30 Vdc	40 – 55 Vdc		
	WORKING TEMP.	-25 up to +70 °C				
		(>60°derating 2.5% °C)				
	HUMIDITY	95 % at 25°C, no condensation				
	STORAGE TEMP	-40 up to +85 °C				
	TEMP. COEFFICIENT	± 0.03% / C° (0 - 60 °C)				
ENVIRONMENT	VIBRATION	In according to IEC60068-2-6				
SAFETY &	SAFETY STANDARDS	NOT UL APPROVED UL508 approved NOT UL APPROVED				
EMC		IEC/EN 60950, EN 50178, IEC/EN 60950, EN60950-1, PELV EN 60204-1				
	WITHSTAND VOLTAGE	VP-O/P: 3k VAC VP-FG: 1.6k VAC O/P-FG: 500 VAC				
	PROTECTION CLASS	IP 20				
	(EN/IEC 60529)	100 NO / 0 700 NO				
	ISOLATION RESISTANCE	100 MΩ (min) @ 500 Vdc				
	EMI CONDUCTION & RADIATION	EN61000-6-4				
	HARMONIC CURRENT	EN 64000 4.2 EN 64000 4.2 EN 64000 4.4 EN 64000 4.5				
	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN61000-6-2, EN61000-6-4					
		EN 61000-4-6, EN61000-6-2, EN61000-6-4, The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that is still meets EMC directives.				
	EMS IMMUNITY	The state of the s	it which will be installed into a final equipment. The	ne final equipment must be re-confirmed that is still meets EMC directives.		
	MTBF IEC 61709	> 500.000 h				
	POLLUTION DEGREE	2				
	CONNECTION TERMINAL BLOCK	2.5 mm Screw (24 – 14 AWG)				
	DIMENSION	72x115x135 mm (2.8x4.5x5.3 in)				
	PACKING	0.65 kg (1.4 lbs) per 1 pcs	0.65 kg (1.4 lbs) per 1 pcs	0.77 kg (1.7 lbs) per 1 pcs		
OTHERS	NOTE	All parameters NOT specially mentioned are	measured at 230V AC input, rated load and 25'(C of ambient temperature.		

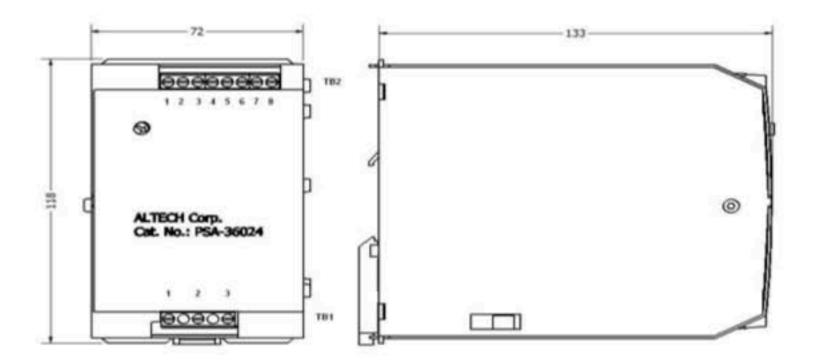
2

3

FG

Terminal Pin. No Assign. (TB1)
Pin No. Assignment PSA-360xx (1 phase)

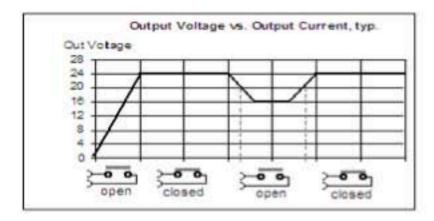
Terminal Pin. No Assign. (TB2)				
Pin No.	Assignment			
	DC output -V			
4,5,6	DC output +V			
7,8	DC OK relay contacts			



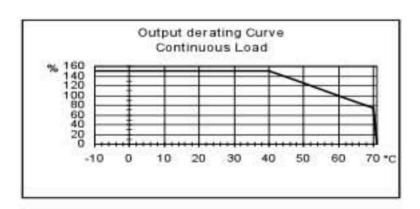
DC OK Relay Contact

Outputs are used for preventive function monitoring of the power supply. An electrically isolated signal contact is available.

The signal contact closes when the output power is OK and opens when the output voltage falls below 20Vdc ±5%.



Output Derating Curve



Parallel Connection

A parallel connection with the same model power supply can be set up to increase the output power.

The output has to be adjusted approximately to the same value (± 20mV) while applying a 1-2 A load to all devices before connecting them in parallel.

In PSA-360xx, for more power, the position of the Easy Parallel jumper needs to be changed to enable a parallel connection. In this mode up to 4 power supplies can be put together in parallel.

