

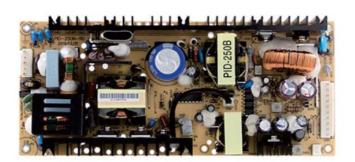
MEAN WELL PID-250 250W Isolated Dual Output with PFC **Function Owner's Manual**

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Features:

- Universal AC input / Full range
- · Isolated output & GND for CH1,CH2
- Built-in active PFC function, PF>0.92
- Protections:Short circuit / Overload / Over voltage / Over temperature
- Remote control for CH1
- Peak load 170% for CH1 within 10 sec.
- · Cooling by free air convection
- 100% full load burn-in test
- 3 years warranty

■ GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx







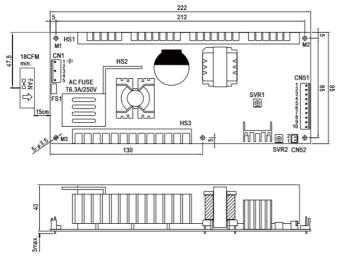


https://www.meanwell.com

SPECIFICATION

MODEL		PID-250A		PID-250B		PID-250C		PID-250D				
	OUTPUT NUMBER	CH1	CH2	CH1	CH2	CH1	CH2	CH1	CH2			
оитрит	DC VOLTAGE	12V	5V	24V	5V	36V	5V	48V	5V			
	RATED CURRENT	15A(Peak 20A)	5A	9.4A(Peak 16.7A)		6.3A(Peak 11.1A)	5A	4.7A(Peak 8.4A)				
	CURRENT RANGE Note.6	0 ~ 15A (Peak 20A)	0~5A	0~9.4A (Peak 16.7A)	0~5A	0 ~ 6.3A (Peak 11.1A)	0~5A	0 ~ 4.7A (Peak 8.4A)	0~5A			
	RATED POWER	205W		250.6W		251.8W		250.6W				
	RIPPLE & NOISE (max.) Note.2	120mVp-p	50mVp-p	150mVp-p	50mVp-p	200mVp-p	50mVp-p	200mVp-p	50mVp-p			
	VOLTAGE ADJ. RANGE	10.8 ~ 13.2V	4.75 ~ 5.25V	21.6 ~ 26.4V	4.75 ~ 5.25V	32.4~39.6V	4.75~5.25V	43.2 ~ 52.8V	4.75 ~ 5.25V			
	VOLTAGE TOLERANCE Note.3	±3.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%			
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%			
	LOAD REGULATION	±1.0%	±2.0%	±1.0%	±2.0%	±1.0%	±2.0%	±1.0%	±2.0%			
	SETUP, RISE TIME	2500ms, 60ms/	115VAC 1200	ms, 60ms/230VA	C							
	HOLD UP TIME (Typ.)	30ms at full loa	30ms at full load									
	VOLTAGE RANGE Note.5	90 ~ 264VAC 127 ~ 370VDC										
	FREQUENCY RANGE	47 ~ 63Hz										
	POWER FACTOR	PF≧0.92/230V	AC PF≥0	97/115VAC at fu	I load							
INPUT	EFFICIENCY(Typ.)	83%		86%		86%		86%				
	AC CURRENT (Typ.)	3A/115VAC	1.5A/230VAC									
	INRUSH CURRENT (Typ.)	COLD START	8A/230VAC									
	LEAKAGE CURRENT	<3.5mA / 240V/										
			% rated output p	nower								
					down re-nower	on to recover						
		Normally work within 10 sec and then shut down, re-power on to recover Over 180% rated power or short circuit, constant current limiting within 10 sec and then shut down, re-power on to recover										
	OVERLOAD		% rated output p		istant current in	inding within 10 se	c and then shu	down, re-power	on to recover			
PROTECTION					dometically after	r fault condition is	romound					
PROTECTION		Protection type: Hiccup mode, recovers automatically after fault condition is removed 13.8 ~ 16.2V										
						or CH1 ; Hiccup r						
	OVER VOLTAGE	r totection type				or on r, mocap r	lode, recovers a	iutomatically arei	iauli condition			
	OVER TEMPERATURE	Shut down o/o	is removed for CH2(by zener diode clamp) Shut down o/o voltaoe(CH1), recovers automatically after temperature goes down									
FUNCTION	***************************************		Shut down orp voltage(C+11), recovers automatically after temperature goes down CN52: Open=CH1 & CH2 power on; Short = CH1 power off, CH2 power on; when CH2 is malfunction, CH1 will be shut down						shut down			
	WORKING TEMP.	-20~+70°C (R	efer to "Derating	Curve*)	•	-20 ~ +70°C (Refer to "Derating Curve")						
	WORKING HUMIDITY	20 ~ 90% RH non-condensing										
	WORKING HUMIDITY	20~90% KH N	on-condensing									
ENVIRONMENT												
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10	~ 95% RH									
ENVIRONMENT	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT	-20~+85°C, 10 ±0.05%/°C (0	~ 95% RH ~ 50°C)	period for 60min	each along X. Y.	7 axes						
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 20	~ 95% RH ~ 50°C) 10min/1cycle,	period for 60min 68-1. EAC TP TC		Z axes						
	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 20 UL62368-1, TU) ~ 95% RH ~ 50°C) 10min./1cycle, V BS EN/EN623	period for 60min 68-1, EAC TP TC C O/P-FG:0.5k	004 approved	Z axes						
SAFETY &	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 20 UL62368-1, TU I/P-O/P:3KVAC	0 ~ 95% RH ~ 50°C) 10min /1cycle, V BS EN/EN623 I/P-FG:2KVA	68-1, EAC TP TO C O/P-FG:0.5F	COO4 approved	Z axes						
SAFETY &	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU VP-O/P:3KVAC VP-O/P, VP-FG	~ 95% RH ~ 50°C) i 10min./1cycle, V BS EN/EN623 I/P-FG:2KVA , O/P-FG:100M (68-1, EAC TP TC C O/P-FG:0.5h Dhms / 500VDC /	CO04 approved CVAC 25°C/70% RH	Z axes	C TP TC 020					
SAFETY &	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 29 UL62368-1, TU VP-O/P:3KVAC VP-O/P, VP-FG Compliance to	0 ~ 95% RH ~ 50°C) 10min./1cycle, V BS EN/EN623 VP-FG:2KVA , O/P-FG:100M 0 BS EN/EN55032	68-1, EAC TP TC C O/P-FG:0.5H Dhms / 500VDC / (CISPR32) Clas	C004 approved CVAC 25°C/70% RH s B, BS EN/EN6	1000-3-2,-3, EAC		ndustry level. EA	C TP TC 020			
SAFETY &	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 20 UL62368-1, TU VP-O/P:3KVAC VP-O/P, VP-FG Compliance to Compliance to	0 ~ 95% RH ~ 50°C) 10min./1cycle, 1 V BS EN/EN623 I/P-FG:2KVA/ , O/P-FG:100M 0 BS EN/EN55032 BS EN/EN61000	68-1, EAC TP TC C O/P-FG:0.5k Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11	C 004 approved CVAC 25°C/70% RH s B, BS EN/EN6 , BS EN/EN550	1000-3-2,-3, EAC	00-6-2, heavy i	ndustry level, EA	C TP TC 020			
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	-20 ~ +85°C, 10 ±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU VP-O/P; VP-FG Compliance to Compliance to 2091.7K hrs mi	0~95% RH ~50°C) 10min/1cycle, V BS EN/EN623 I/P-FG:2KVA/ ,O/P-FG:100M 0 BS EN/EN55032 BS EN/EN61000 n. Telcordia S	68-1, EAC TP TC C O/P-FG:0.5H Dhms / 500VDC / (CISPR32) Clas	C 004 approved CVAC 25°C/70% RH s B, BS EN/EN6 , BS EN/EN550	1000-3-2,-3, EAC	00-6-2, heavy i	ndustry level, EA	C TP TC 020			
SAFETY & EMC (Note 4)	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMTER DIMENSION	-20 ~ +85°C, 11 ±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU VP-O/P:3KVAC VP-O/P, VP-FG Compliance to Compliance to 2091.7K hrs mi 222*95*40mm)~95% RH ~50°C) i 10min /1cycle, V BS EN/EN623 I/P-FG:2KVAI, O/P-FG:100M G BS EN/EN55032 BS EN/EN61000 n. Telcordia S [L*W*H)	68-1, EAC TP TC C O/P-FG:0.5H Dhms / 500VDC / C(ISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore)	C 004 approved CVAC 25°C/70% RH s B, BS EN/EN6 , BS EN/EN550	1000-3-2,-3, EAC	00-6-2, heavy i	ndustry level, EA	C TP TC 020			
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMC EMISSION MUNITY MTBF	-20 ~ +85°C, 1(±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU I/P-0/P:3KVAC VP-0/P, VP-FG Compliance to 2091.7K hrs mi 222*95*40mm 0.74Kg; 18pcs/) ~ 95% RH ~ 50°C) 10min /1cycle, V BS EN/EN623 //P-FG:2KVA/, CVP-FG:100M SS EN/EN55032 BS EN/EN61000 n. Telcordia S L*W*H) 14.3Kg/0.98CUF	68-1, EAC TP TC C O/P-FG:0.5H Dhms / 500VDC / C(CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore)	C 004 approved (VAC 125°C / 70% RH s B, BS EN/EN6 b, BS EN/EN550 c; 150.5K hrs min	31000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-2	100-6-2, heavy ii 217F (25°C)	ndustry level, EA	C TP TC 020			
SAFETY & EMC (Note 4)	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 1. All parameters NOT special	-20 ~ +85°C, 1(±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU VP-O/P:3KVAC Compliance to Compliance to 2091.7K hrs mi 222*95*40mm 0.74Kg; 18pcs/ y mentioned are d at 20MHz of b)~95% RH ~50°C) :10minJ1cycle, V BS EN/EN623 I/P-FG:2KVM O/P-FG:100M G BS EN/EN55032 BS EN/EN55032 BS EN/EN61000 n. Telcordia S [L*W*H) 14.3Kg/J.98CUF madwidth by usi	68-1, EAC TP TC C O/P-FG:0.5i Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) T 30VAC input, rat ng a 12" twistod	C 004 approved CVAC 25°C / 70% RH s B, BS EN/EN66 , BS EN/EN560 ; 150.5K hrs min	1000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-2	00-6-2, heavy in 217F (25°C) mperature.		C TP TC 020			
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance: includes set up includes set up	-20 ~ +85°C, 1(±0.05%/°C (0 10 ~ 500Hz, 2G UL62368-1, TU UP-O/P-3KVAC UP-O/P-3KVAC UP-O/P-, UP-GC Compliance to Compliance to Compliance to 2091.7K hrs min 0.74Kg; 18pcs/ by mentioned are d at 20MHz of b tolerance, line re	0 ~ 95% RH ~ 50°C) 10min /1cycle, V BS EN/EN623 VP-FG:2KVM ,0/P-FG:100M GBS EN/EN55032 BS EN/EN61000 n. Telcordia S [L*W*H) 14.3Kg/0.98CUF measured at 2: andwidth by usi	68-1, EAC TP TC C O/P-FG:0.5h Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) T 30VAC input, raing a 12" twisted of regulation.	C 004 approved CVAC 125°C / 70% RH S B, BS EN/EN650 BS EN/EN550 C 150.5K hrs min 150.5K hrs min ted load and 25 pair-wire termin	1000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-2 "C of ambient tenated with a 0.1 /	100-6-2, heavy in 217F (25°C) mperature. α F & 47 μ F pa	rallel capacitor.				
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMC EMISSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up includes set up 4. The power supply is conside 5. The power supply is conside 6. The power suppl	20 ~ +85°C, 1(1 ±0.05%/°C (0) 10 ~ 500Hz, 2G UL62368-1, TU WP-O/P, WP-FG Compliance to Compliance to 2091.7K hrs mi 0.74Kg; 18pcs/ y mentioned are d at 20MHz of b blolerance, line re- ered a componee with 1 mm of ti	0 - 95% RH ~ 50°C) 10min/1cycle, 10min/1cycl	68-1, EAC TP TC C O/P-FG:0.5h Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) T S0VAC input, rat ng a 12' twisted dr regulation. inal equipment m	C 004 approved CVAC 125°C / 70% RH s B, BS EN/EN650 ; 150.5K hrs min ted load and 25 pair-wire termir nual equipment.	1000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-2 "C of ambient tenated with a 0.1 /	217F (25°C) mperature. μ F & 47 μ F pa	rallel capacitor.	g the unit on			
SAFETY & EMC (Note 4)	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Flipple & noise are measure 3. Tolerance: includes set up 14. The power supply is consider a \$60mm' 360mm metal plat perform these EMC tests, p	-20 ~ +85°C, 1(1 ±0.05%/°C (0 10 ~ 500Hz, 26 UL62368-1, TU I/P-O/P, I/P-FG Compliance to Compliance to 2091.7K hrs mi 222*95*40mm 0.74Kg; 18pcs/ by mentioned are d at 20MHz of b tolerance, line re red a compone le with 1 mm of t case refer to *Elease refer to *	0 - 95% RH ~ 50°C) : 10min /1cycle, v BS EN/EN623 I/P-FG:2KVA/ , 0/P-FG:100M (8S EN/EN65032 8S EN/EN65000 n. Telcordia S [L*W*H) 14.3 Kg/0.98CUF measured at 2: andwidth by usi gulation and loa t which will be hickness. The fin the will testing of cor	68-1, EAC TP TC C O/P-FG:0.5h Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) T 30VAC input, rat ng a 12* twisted dregulation installed into a final equipment m ponent power s	c 004 approved (VAC 125°C/70% RH s B, BS EN/EN650; ; 150.5K hrs min ted load and 25 pair-wire terminal and equipment. usupplies."	1000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-2 "C of ambient tenated with a 0.1 /	217F (25°C) mperature. μ F & 47 μ F pa	rallel capacitor.	g the unit on			
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up includes set up a form these perform these EMC tests, pl que savailable on https://www.	-20 ~ +85°C, 1(±0.05%/°C (0 10 ~ 500Hz, 26 UL62368-1, TU VP-O/P: VP-FG Compliance to Compliance to 2091.7K hrs mi 222°95°40mm 0.74Kg: 18pcs/ y mentioned are d at 20MHz of b loterance, line re- tred a componee is with 1mm of tiease refer to *El unearwell.com//	0 ~ 95% RH ~ 50°C) 1 0min J1cycle, V BS EN/EN623 I/P-FG:2KVA/ 0/P-FG:100M (BS EN/EN55032 BS EN/EN61000 n. Telcordia S [L*W*H) 14.3Kg/0.98CUF measured at 2: andwidth by usi- gulation and loa nt which will be full testing of cor Upload/PDF/FM	68-1, EAC TP TC C O/P-FG:0.5) Dhms / 500VDC / (CISPR32) Clas -4-2,34,5,6,8,11 R-332 (Bellcore) T 30VAC input, rating a 12* twistod dregulation, installed into a final equipment mponent power sinal statement, en la statement	c 004 approved (VAC 25°C/70% RH s B, BS EN/EN550; ; 150.5K hrs min ted load and 25 pair-wire terminal equipment. uust be re-confir supplies."	i1000-3-2,-3, EAC a. MIL-HDBK-; C of ambient te hated with a 0.1, All the EMC test med that it still in	217F (25°C) mperature. μ F & 47 μ F pa	rallel capacitor.	g the unit on			
SAFETY & EMC (Note 4)	STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up includes set up a form these emcance as 360mm stand paper from these EMC tests, pl (as available on https://www.5. Derating may be needed un 6. Peak current should reduce.	-20 ~ +85°C, 10' ± 0.05%/°C (0 10 - 500Hz, 26' UL62368-1, TU VP-O/P: 3KVAC VP-O/P: VP-FG Compliance to Compliance to 2091.7K hrs mi 222°95'40mm 0.74Kg: 18pcs/y mentioned are d at 20MHz of b tolerance, line reserved a componee with 1mm of tease refer to *El with 1mm of tease refer to *El with 1mm of tolerance, line reserved to 150% of rates to 1) - 95% RH - 50°C) I Omin/I cycle, i V BS EN/ENS23 I/P-FG-2KVA I/P-FG-100M I SS EN/ENS5032 SS EN/ENS5003 I Telcordia S I L'W'H) I Al 3/kg/0 98CUF measured at 2: andwidth by usi gulation and los it which will be inickness. The fill I/ly losed/PF/FR/ I tage. Please ch	68-1, EAC TP TC C O/P-FG:0.5i Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) T 30VAC input, rating a 12" wisted at regulation. installed into a final equipment m ponent power s II statement, en ck the derating eck the eck the derating eck the eck the derating eck the eck th	c 004 approved (VAC 25°C/70% RH s B, BS EN/EN650; ; 150.5K hrs min ted load and 25 pair-wire terminal equipment. uust be re-confir supplies."	i1000-3-2,-3, EAC a. MIL-HDBK-; C of ambient te hated with a 0.1, All the EMC test med that it still in	217F (25°C) mperature. μ F & 47 μ F pa	rallel capacitor.	g the unit on			
SAFETY &	STORAGE TEMP., HUMIDITY TEMP. COEFFICIENT VIBRATION SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC EMISSION EMC INMUNITY MTBF DIMENSION PACKING 1. All parameters NOT special 2. Pipple & noise are measure 3. Tolerance : includes set up 1 4. The power supply is conside a \$60mm*360mm metal plat perform these EMC tests, pl (as available on https://www 5. Derating may be needed un	-20 -+85°C, 1(1 ±0.05%/°C (0 10 - 500Hz, 26 UL62368-1, TU VP-O/P, VP-EG Compliance to Compliance to 2091.7K hrs mi 222°95°40mm 0.74Kg: 18pcs/ y mentioned ared at 20MHz of b tolerance, line re- sered a component te with 1 mm of tile der low input vo to 150% of rates not to 500% of rates) - 95% RH - 50°C) 10min/1cycle, 10min/1cycl	68-1, EAC TP TC C O/P-FG-0.5i Dhms / 500VDC / (CISPR32) Clas -4-2,3,4,5,6,8,11 R-332 (Bellcore) TT 30VAC input, rating a 12" twisted de regulation. installed into a final equipment minal equipment minal equipment minal equipment minal equipment minoponent power sill statement, en eck the dereating ut voltage <110	c 004 approved CVAC 25°C/70% RH ss B, BS EN/EN6 , BS EN/EN6 ; 150.5K hrs min ted load and 25 pair-wire terminal equipment. nust be re-confir supplies." pdf)	i1000-3-2,-3, EAC 35, BS EN/EN610 n. MIL-HDBK-: "C of ambient te nated with a 0.1 / All the EMC test med that it still in details.	100-6-2, heavy in 217F (25°C) mperature. x F & 47 μ F pa s are been exercises EMC direct	rallel capacitor. cuted by mountin ctives. For guidar	g the unit on nce on how to			

Mechanical Specification



AC Input Connector (CN1): JST B5P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	FG ≟		
2,4	No Pin	JST VHR	JST SVH-21T-P1.1
3	AC/N	or equivalent	or equivalent
5	AC/L		

\pm : Grounding Required

DC Output Connector (CN51): JST B10P-VH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1,2,3	COM1		
4,5,6	V1	JST VHR	JST SVH-21T-P1.1
7,8	COM2	or equivalent	or equivalent
9,10	V2		

Remote ON/OFF Connector(CN52):JST B2B-XH or equivalent Pin No. Status Mating Housing

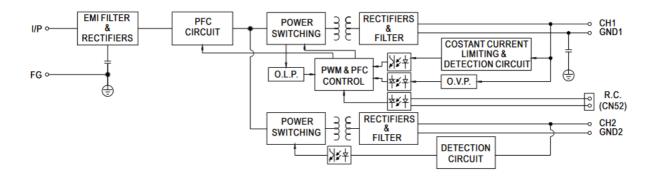
PIN1,2	V1: OFF		
(Short)	V2: ON	JST XHP	JST SXH-001T-P0.6
PIN1,2	V1: ON	or equivalent	or equivalent
(Open)	V2: ON		

SVR1 For CH1 SVR2 For CH2

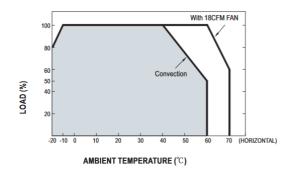
2.CN1:Pin1 is safety ground. For better EMC performance, Please secure an electrical connection between M1,M2,M3,and chassis

PFC fosc: 100KHz PWM fosc: 100KHz

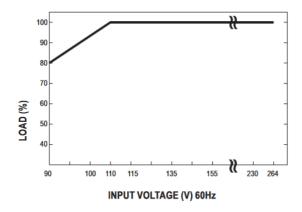
Block Diagram



Derating Curve



Output Derating VS Input Voltage



Documents / Resources



MEAN WELL PID-250 250W Isolated Dual Output with PFC Function [pdf] Owner's Manual PID-250A, PID-250B, PID-250C, PID-250D, PID-250 250W Isolated Dual Output with PFC Function, PID-250, 250W Isolated Dual Output with PFC Function, Dual Output with PFC Function, Output with PFC Function, PFC Function, Function

References

User Manual

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