

CDR-4011-1M1

400W Slim Power Supply AC to DC Dual-input Redundant

FEATURES

- High Efficiency: 94%
- Hot Swappable
- PMBus Support
- Digital Power Supply
- Smart Fan Speed Control
- Activate Power Factor Correction



■ Dimension : 220 x 54.5 x 40 mm (D x W x H)

SPECIFICATIONS

▶ INPUT

Voltage	AC input: 90 - 264Vac DC input: 180 - 300Vdc
Frequency	47 - 63Hz
Current	AC 100 - 240V / 6-3A DC 200 - 240V / 3.4-3.2A

▶ EFFICIENCY, PFC, THD

Load (%)	Input 115Vac			Input 230Vac		
	Input current THD	Power Factor	Efficiency	Input current THD	Power Factor	Efficiency
20%	18%	0.9	88%	21%	0.9	90%
50%	15%	0.95	91%	18%	0.9	94%
100%	10%	0.98	89%	10%	0.95	91%

▶ OUTPUT

Parameter	12V	5Vsb
Max Load	33A	3A
Regulation	±5%	±5%
Ripple & Noise	120mVp-p	50mVp-p

▶ PROTECTION, RELIABILITY, WARRANTY

Over Current Protection (OCP)
Over Power Protection (OPP)
Over Voltage Protection (OVP)
Over Thermal Protection (OTP)
Short Circuit Protection (SCP)
Holdup Time: 12ms @ 100% Load
MTBF: >250,000 hours at 25 °C
Warranty: 3 Years

▶ ENVIRONMENTAL

Temperature	Operating : 0 to 50°C Non-operating : -10 to 70°C
Altitude	Operating : to 3,023 m Non-operating : to 10,580 m
Relative humidity	Operating : 20% to 90% RH, Non-condensing Storage : 5% to 95% RH, Non-condensing

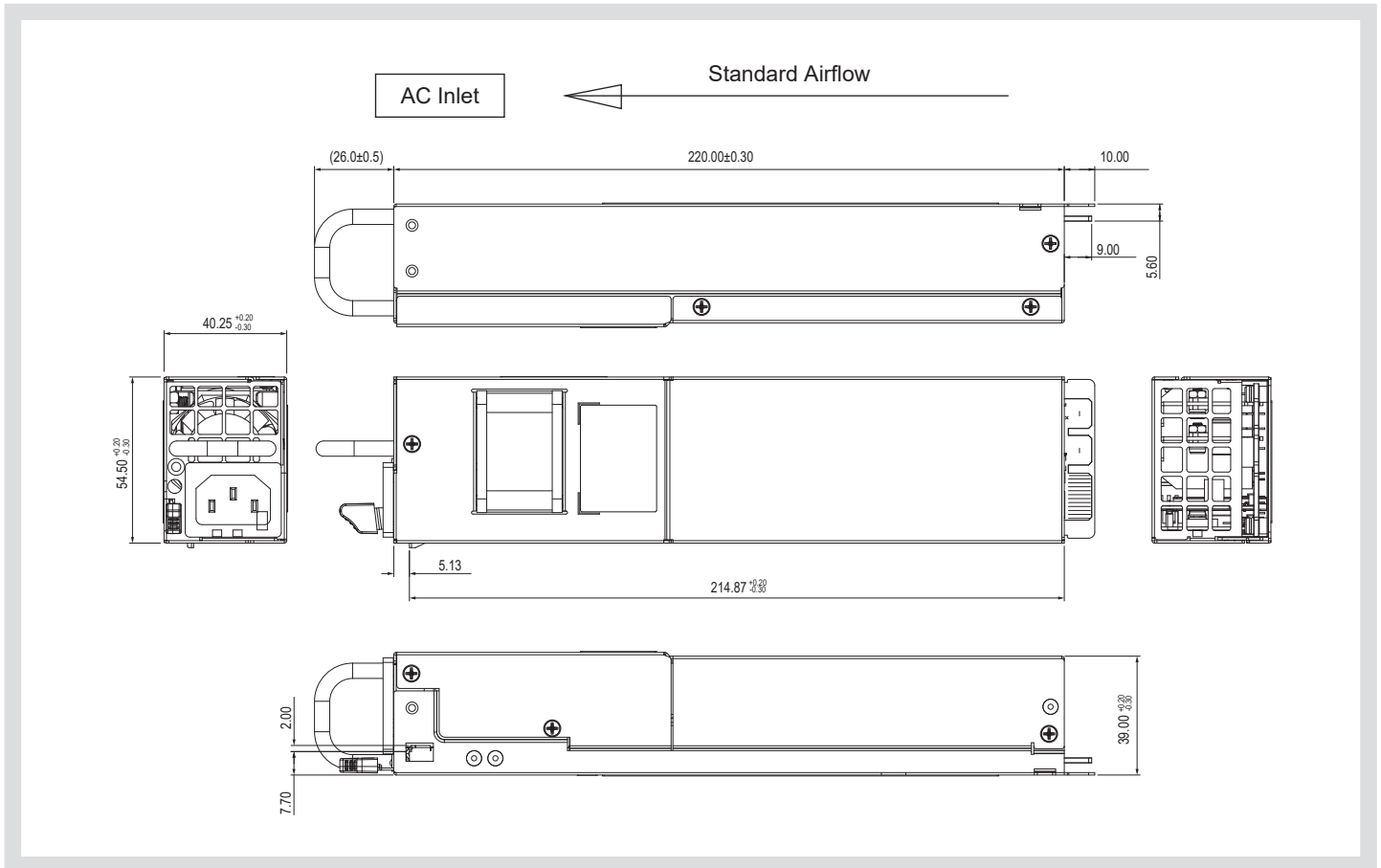
SAFTY AND COMPLIANCE

UL, cUL, CE, CCC, BSMI, CB, FCC class A, CISPR Class A, RoHS

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MECHANICAL DRAWING



CONNECTORS

AC Inlet IEC 320 C-14, 12A / 250Vac

DC Output Gold Finger

DC Output Mating Amphenol connector : GPCETR44042400213HR or ALLTOP

★ Product details and image are for reference and final product is subject to change without notice.

OUTPUT CONNECTOR PIN ASSIGNMENTS

Bottom		Top	
PIN#	Signal Name	PIN#	Signal Name
S1	+12VRS+	S13	PDB_Fault
S2	+12VRS-	S14	Present
S3	12LS	S15	A0
S4	SMB Alert	S16	PDB_Alert
S5	SDA	S17	Reserved
S6	SCL	S18	Reserved
S7	PS_Kill	S19	Reserved
S8	PS_On	S20	Reserved
S9	PW_OK	S21	Wake-up
S10	A1	S22	Vsenses
S11	5V Standby	S23	5V Standby
S12	5V Standby	S24	5V Standby
P1	+12V	P3	GND
P2	+12V	P4	GND



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