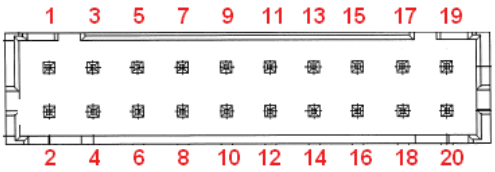
Pin Assignment

Signals	Name Description	Pin Number(s)
+Vout	Power rail	SK4
GND	Power GND	SK5
Signals	**Name Description**	**SK2 Pin Number**
A2	EEPROM Address	1
-VPROG	Return connection of external supply for Margin Programming	2
A1	EEPROM Address	3
-Vsense	Remote Sense Return	4
ISHARE	Load share voltage	5
A0	EEPROM Address	6
SDA1	Serial Data Signal (I2C)	7
+VPROG	Positive connection of external supply for Margin Programming	8
SCL1	Serial Clock Signal (I2C)	9
+Vsense	Remote Sense Positive	10
5VSB	5V standby	11
GND	5V standby Return	12
5VSB	5V standby	13
G_DCOK_C	Global DCOK Collector	14
GPIOA6	EEPROM Write Protect	15
G_DCOK_E	Global DCOK Emitter (GND)	16
GND	Return Ground for output signal and I2C communication	17
G_ACOK_C	Global ACOK Collector	18
INH_EN	Turn Off Main Output	19
G_ACOK_E	Global ACOK Emitter (GND)	20

Note: Mating connector for SK2 is:
LANDWIN: PN 2050S2000 Housing and PN 2053T021V Contact
CIVILUX: PN CI0120SD000 Housing and PN CI01TD21PE0 Contact
JST: PN PHDR-20VS housing and PN: SPHD-001T-P0.5



Signal Output Signal Connectors (SK2)
SK2 Mating Connector: JST Part Number PHDR-20VS;
Contact Pins: JST Part Number SPHD-001T-P0.5

LED INDICATORS

Two (2) provided are clearly visible up to a 45 degree offset from vertical with office environment ambient lighting. The status is reflected in the indicator color.

The DC_OK LED LED is bicolor. It shall light green if the DC output is within specification, and amber if the output falls out of specification.

The AC_OK LED LED is green if the AC is within specification and off when out of specification. Note: With 5 V standby, Amber also indicates that PSU is in standby mode/output off.

CONTROL SIGNALS

AC_OK Open collector 0.5 V maximum at 10 mA. Both emitter and collector access provided.
DC_OK Open collector 0.5 V maximum at 10 mA. Both emitter and collector access provided.
DC_OK will de-assert when output is loss due to OCP, OVP, OTP, or Fan Fault (for -N option).
PS_INHIBIT/ENABLE Signal 0.0 - 0.5 V contact closure, output OFF

Ordering Information

LCMXXXXY		-	A	-	B	-	C	-	###
Case Size			Input Termination		Acoustic Noise		Option Codes		Hardware Code
1-Phase input where XXXX =									
600 = 2.4" x 4.5" x 7.5", 600 W			Blank = IEC connector		Blank = Standard		Blank = No Options		Factory Assigned for Modiefied standards
			T = Terminal Block		N = Low Noise Fan		1 = Conformal Coat		
Voltage Code Y =							4 = 5 V Standby		
Code							5 = Opt 1 + 4		
L	12								
N	15								
Q	24								
U	36								
W	48								

Mechanical Drawings

New Mechanical Reference Drawing:

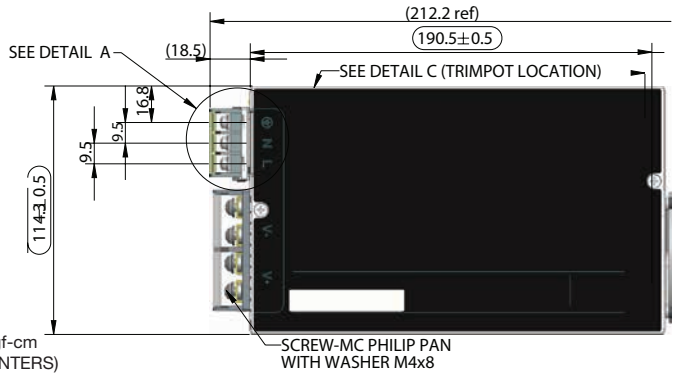
Weight: 2.84 lbs (1.29 Kg)

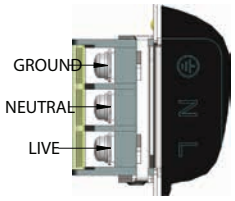
MOUNTING LOCATIONS SCREW
PENETRATION DEPTH IS 4.6 mm MAX.

RECOMMENDED SCREW TORQUE:
M3.5 x 0.6P = 6 - 8kgf-cm
M4.0 x 0.7P = 8 - 10kgf-cm

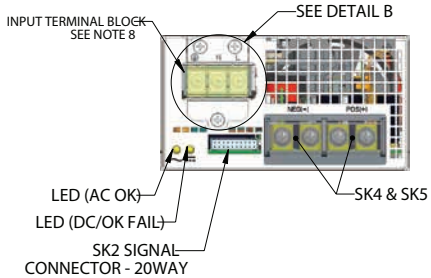
Note 7 RECOMMENDED SCREW TORQUE:
M3.5x0.6P = 6-8kgf-cm
M4.0x0.7P = 8-10kfg-cm

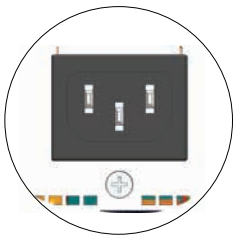
Note 8 INPUT: TERMINAL BLOCK TYPE.
M3.5 SCREW TORQUE VALUE OF 12kgf-cm
USING WIRE GAUGE 22-19 (9.5mm CENTERS)



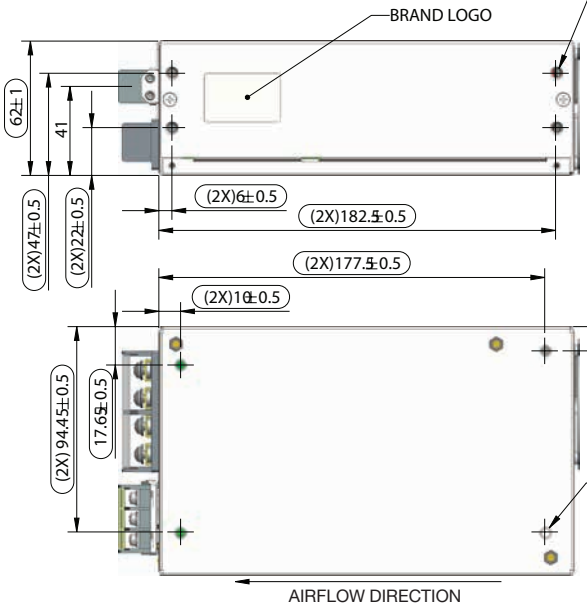


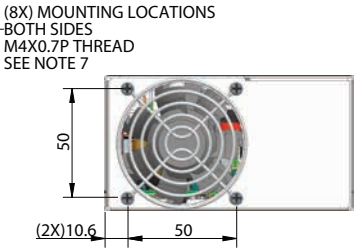
DETAIL A
SCALE 1.500

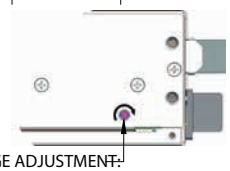




DETAIL B
AC INLET VERSION







DETAIL C
(TRIMPOT LOCATION)

NOTE: OPTIONAL BARRIER STRIP OUTPUT TERMINAL AVAILABLE
OPTIONAL MOLEX TYPE CONNECTOR OUTPUT AVAILABLE