

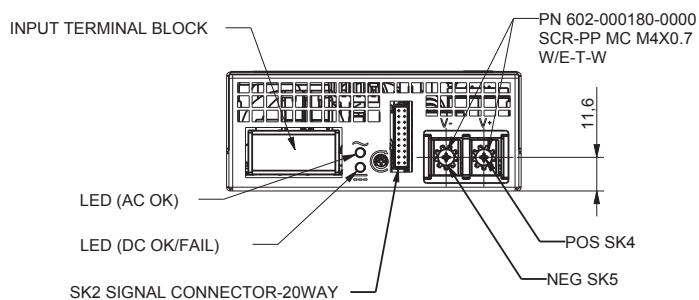
## Pin Assignment

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 (I <sup>2</sup> C)	7
+VPROG	Positive connection of external supply for Margin Programming	8
SCL1	Serial Clock Signal (I <sup>2</sup> C)	9
+Vsense	Remote Sense Positive	10
5VSB	5 V standby	11
GND	5 V standby Return	12
5VSB	5 V 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

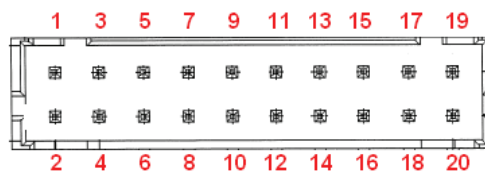
**Note:** Mating connector for SK2 is:

LANDWIN: PN 2050S2000 Housing and PN 2053T021V Contact

CIVILUX: PN C10120SD000 Housing and PN C101TD21PE0 Contact



PSU Front View



### Signal Output Signal Connectors (SK2)

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

### LED INDICATORS

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 shall light green if the DC output is within specification, and should be off 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, Green 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.

**PS\_INHIBIT/ENABLE Signal** 0.0 - 0.5 V contact closure, output OFF (output ON for LCM300U-T-4-401)

### Ordering Information Table 2

LCMXXXXY		-	A	-	B	-	C	-	###
Case Size			Input Termination		Acoustic Noise		Option Codes		Hardware Code
1-Phase input where XXXX =									
300 = 1.61" x 4.0" x 7.0", 300 W					Blank = Standard		Blank = No Options		Factory Assigned for Modified standards
Voltage Code Y =			T = Terminal Block				1 = Conformal Coat		
Code							4 = 5 V Standby		
Code							5 = Opt 1 + 4		
L	12								
N	15								
Q	24								
U	36								
W	48								

### Mechanical Drawings

Weight: 1.76 lbs (0.8 Kg)

MOUNTING LOCATIONS SCREW PENETRATION DEPTH IS 3.0 mm MAX.

RECOMMENDED SCREW TORQUE:

M3.5 x 0.6P = 6 - 8kgf-cm

M4.0 x 0.7P = 8 - 10kgf-cm

