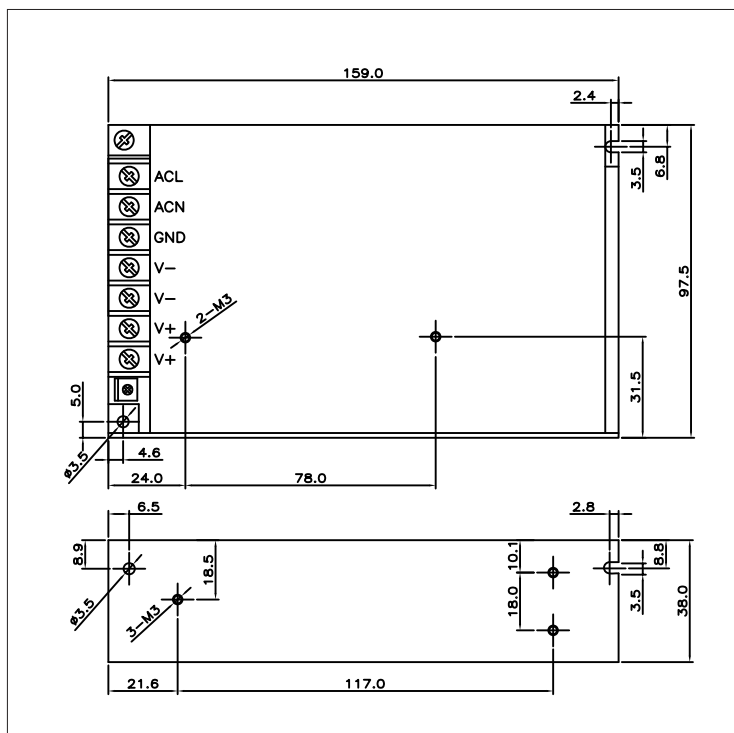


100SL Series



- *5V20A/12V8.3A/24V4.2A
- *Wide input voltage range or AC input selectable by switch
- *Protection:
overload/overvoltage/short circuit
over temperature
- *Cooling by free air convection
- *Safety standards:
designed refer to EN60950-1
- *EMC standards:
designed refer to EN55022 class B



SPECIFICATIONS

Item		UP100S05L	UP100S12L	UP100S24L
INPUT	VOLTAGE	AC90-132V/ AC180-264V	AC90-264V	2.4A(ACIN 110V, lo=100%) 1.2A(ACIN 220V, lo=100%)
	FREQUENCY	50/60Hz(47~63Hz)		
	EFFICIENCY	76% Typ	80% Typ	83% Typ
	INRUSH CURRENT	20A Typ(ACIN 110V, lo=100%)/40A Typ(ACIN 220V, lo=100%) at cold start		
OUTPUT	VOLTAGE [V]	5	12	24
	CURRENT [A]	20	8.4	4.2
	LINE REGULATION [mV]	25 Max	60 Max	120 Max
	LOAD REGULATION [mV]	50 Max	120 Max	240 Max
	RIPPLE [mVp-p]	50 Max	120 Max	240 Max
	RIPPLE NOISE [mVp-p]	100 Max	170 Max	290 Max
	TEMPERATURE DRIFT,0-50℃[mV]	50 Max	120 Max	240 Max
	RISE TIME [msec]	200 Max(ACIN110V, lo=100%)		
	HOLDING TIME [msec]	10 Typ(ACIN110V, lo=100%)		
PROTEC-TION	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically		
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating		
ISOLAT-ION	INPUT-OUTPUT	AC3,000V for 1 minute, DC500V 100Mohm(At room temp. & humid.)		
	INPUT-CASE, FG	AC1,500V for 1 minute, DC500V 100Mohm(At room temp. & humid.)		
	OUTPUT-CASE	AC500V for 1 minute, DC500V 100Mohm(At room temp. & humid.)		
ENVIRON-MENT	OPERATING TEMP. & HUMID.	-10~+50℃, 20~90%RH(Non condensing)		
	STORAGE TEMP. & HUMID.	-20~+75℃, 20~90%RH(Non condensing)		
	VIBRATION	10~50Hz at 1G 3minutes period, 30 minutes along X, Y and Z axis		
	IMPACT	10G for 20msec,Once on each X,Y and Z axis		