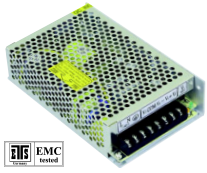
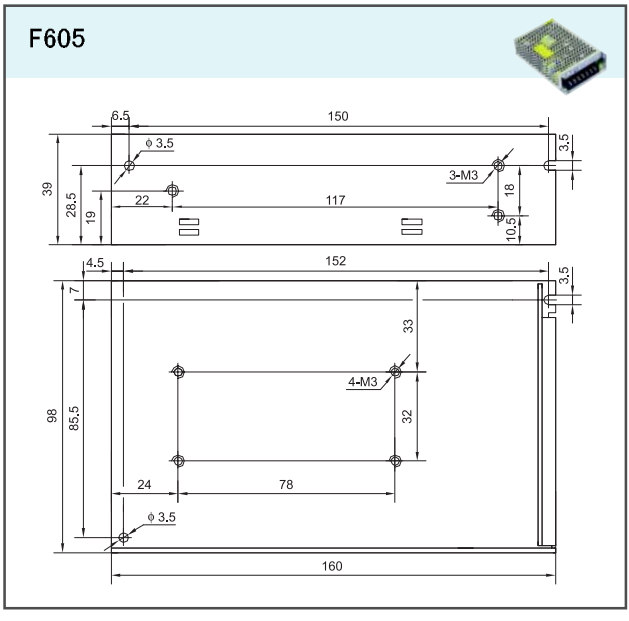
伏 赛 电 子 有 限 公 司
Fusign Electronics Co.,Ltd

50W Triple Output Series - with approval



- AC input range selected by switch
- High reliability
- Approvals: ETS/LVD/EMC/ CE
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- V1 is isolated from the other outputs
- 2 years warranty
- F605 160 x 98 x 39(mm)

AC input voltage range	85~132/ 170~264VAC selected by switch
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	＜0.7mA/ 230VAC
Line regulation (full load)	≤±0.5%
Load regulation	V_1: ≤± 0.5%, V_2,V_3: ≤± 3% (with regulators); ≤±6% (without)
Output voltage adjust range	V_1: ± 5% of rated output voltage
Output overload protection	110~150%
Output over voltage protection	115~150%
Withstand voltage	I/P-O/P: 3.0KVAC/1min;I/P-F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise, Hold up time	50ms, 20ms@full load (typical)
Operating temp. & humidity	-10℃~+50℃, 20%~93%RH (non condensing)
Storage temp. & humidity	-20℃~+85℃, 20%~95%RH (non condensing)
Safety standards	GB4943, UL60950, EN60950
EMC standards	GB9254, EN55022 classB, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

Model	DC Output		R&N	Efficiency
HF50W-TF-A	5V	0.5~5.0A	80mV	68%
	12V	0.0~2.0A	100mV	
	-12V	0.2~1.5A	100mV	
HF50W-TF-B	5V	0.5~5.0A	80mV	69%
	15V	0.0~2.0A	100mV	
	-15V	0.0~1.0A	100mV	
HF50W-TF-C	5V	0.6~7.0A	80mV	68%
	12V	0.0~2.0A	100mV	
	-5V	0.4~1.5A	80mV	

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