

Specifications (measured at Ta= 25°C, nom. Vin (115/230VAC), full load and after warm-up)

PROTECTIONS

Parameter	Type	Value	
Input Fuse ⁽⁵⁾	internal	T5A, slow blow	
Short Circuit Protection (SCP)		continuous, hiccup and auto recovery	
Over Load Protection (OLP)		110% - 150% of rated output voltage, continuous, hiccup and auto recovery	
Isolation Voltage	tested for 1 minute	I/P to O/P	3kVAC
		I/P to case	1.5kVAC
		I/P to case	500VAC
Isolation Resistance		100MΩ min.	
Leakage Current	I/P to O/P	0.25mA max.	
	I/P to case	3.5mA max.	

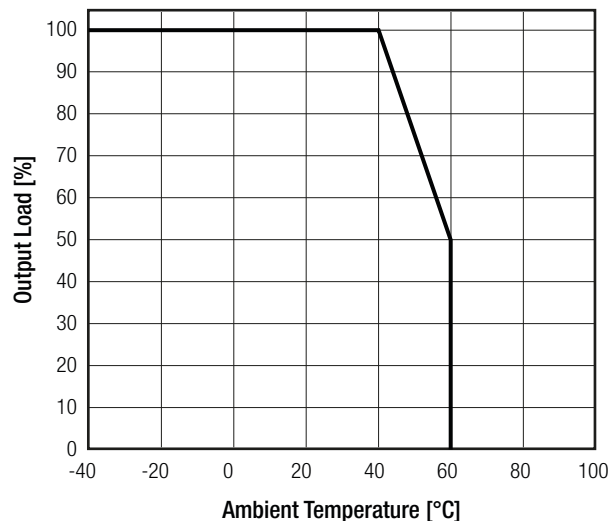
Notes:

Note5: Refer to local safety regulations if input over-current protection is also required

ENVIRONMENTAL

Parameter	Condition	Value
Operating Temperature Range	full load	-20°C to +40°C
	refer to derating graph	-20°C to +60°C
Temperature Coefficient		0.03%/K
Moisture Protection		conformally coated PCB
Operating Altitude		5000m
Operating Humidity	non-condensing	20% - 90% RH max.
MTBF	according to MIL-HDBK-217F, G.B. +25°C	200 x 10 ³ hours

Derating Graph



SAFETY AND CERTIFICATIONS

Certificate Type (Safety)	Report / File Number	Standard
Information Technology Equipment, General Requirements for Safety	E196683	CAN/CSA-C22.2 No. 60950-1 UL No. 60950-1
Information Technology Equipment, General Requirements for Safety		EN60950-1:2006 + A2:2013
EAC Safety of Low Voltage Equipment	RU-AT.49.09571	TP TC 004/2011
RoHS2+		RoHS-2011/65/EU + AM-2015/863

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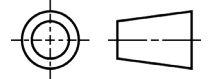
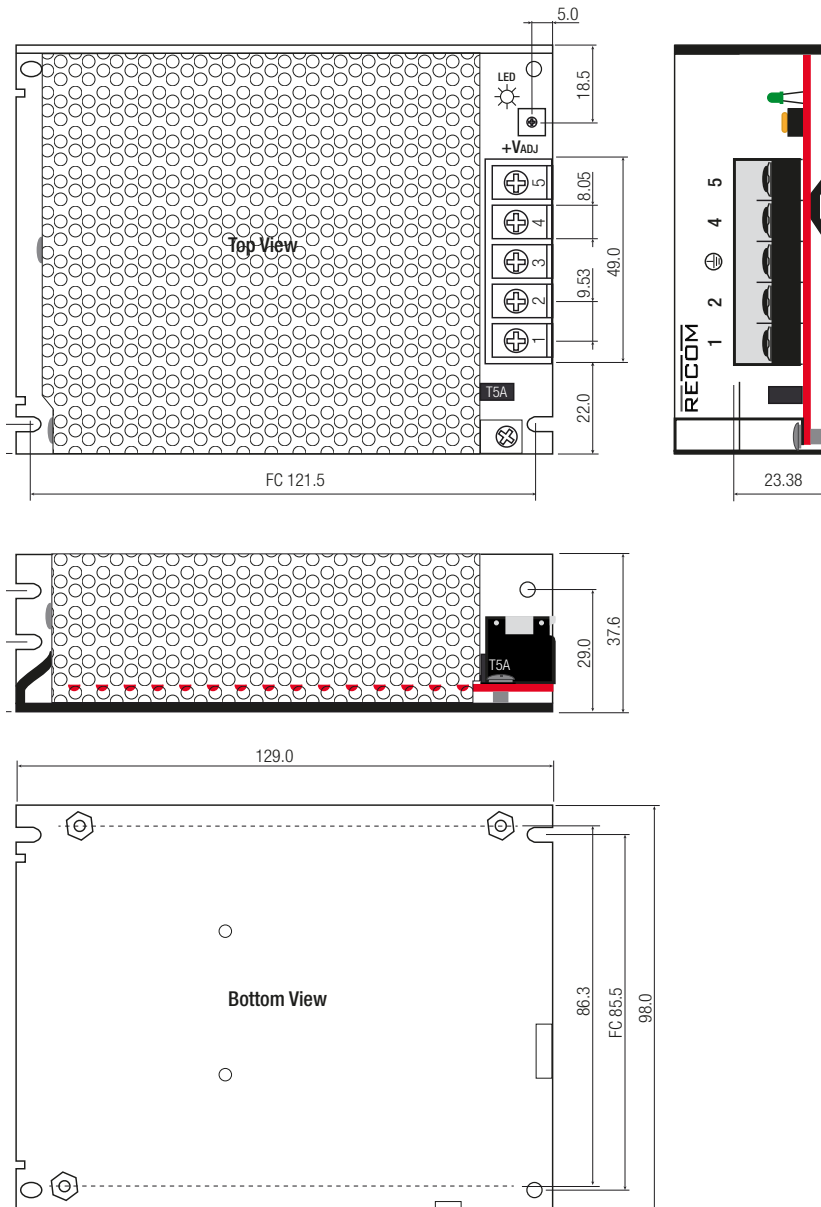
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EMC Compliance	Condition	Standard / Criterion
Electromagnetic compatibility of multimedia equipment – Emission Requirements		EN55032:2015; Class B
Information technology equipment - Immunity characteristics - Limits and methods of measurement		EN55024:2010 + A1:2015
Electromagnetic compatibility of multimedia equipment – Emission Requirements		EN61000-3-2:2014
Limits of Voltage Fluctuations & Flicker		EN61000-3-3:2013

DIMENSION AND PHYSICAL CHARACTERISTICS

Parameter	Type	Value
Material	case	aluminium
Dimension (LxWxH)		129.0 x 98.0 x 38.0mm
Weight		432g typ.

Dimension Drawing (mm)



Pin Connections

Pin #	Single
1	VAC in (L)
2	VAC in (N)
3	GND
4	-Vout
5	+Vout

FC: fixing center

Tolerance: xx.x= ±0.5mm

xx.xx= ±0.35mm

Wire diameter: 0.75 to 3.0mm²