

APU40-56

40 Watts

Data Sheet

Total Power: 40 W
Input Voltage: 9 - 36 Vdc
of Outputs: Single

SPECIAL FEATURES

- Fully encapsulated Plastic Case
- Chassis Mounting with Screw Terminals
- Wide Input Ranges: 9 - 36 Vdc
- Output: 56 V @ 0.7 A, 40 W
- Extended Operating Temp. Range -40 °C to +65 °C
- I/O Isolation: 2500 Vdc
- LED Output Indicator
- Remote On/Off, OVP, OCP
- Input Polarity Protection
- Input Filter meets EN 55022, class A and FCC, level A
- Safety to UL/cUL/IEC/EN 60950-1 (pending)
- 3 Years Product Warranty

SAFETY

- cUL/UL 60950-1
- IEC/EN 60950-1



Electrical Specifications

Input	
Input range:	9 - 36 Vdc
Efficiency:	90%
Output	
Voltage tolerance:	±1.0%
Line regulation:	±0.5%
Load regulation:	±1%
Noise/ripple:	200 mV
Overload protection:	120%
Short circuit protection:	Hiccup mode
Switching frequency:	285 KHz
Isolation	
I/O isolation:	2500 Vdc
Insulation resistance:	1000 Mohm
Insulation capacitance:	2400 pF

Environmental Specifications

Operating ambient temperature range:	-40 °C to +65 °C
Storage temperature:	-50 °C to +125 °C
Humidity:	5% to 95% (non-condensing)
MTBF: MIL-HDBK-217 F @ 25 °C	364 Khrs calculated

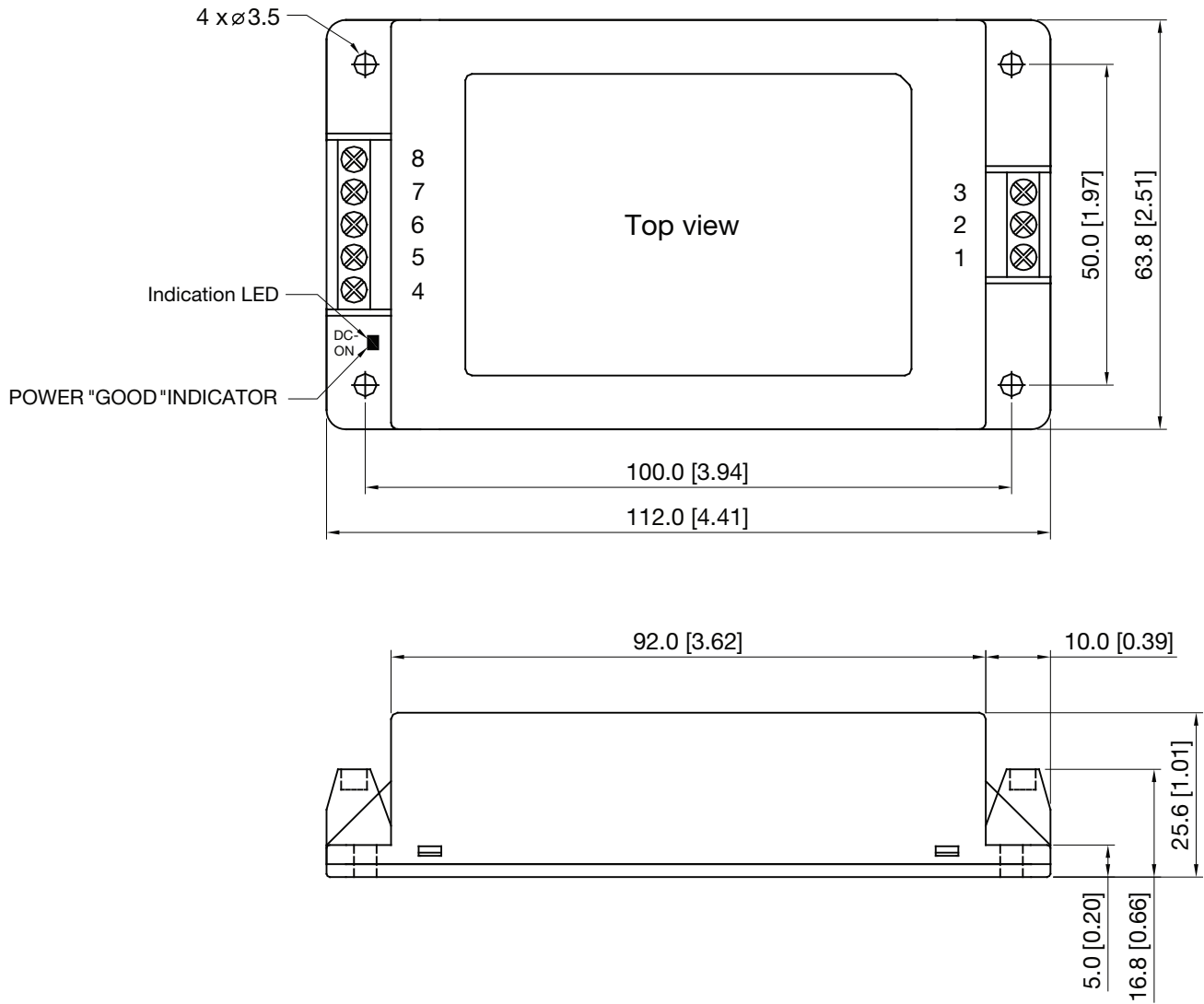


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Ordering Information

Input Voltage	Output	Efficiency @ Max Load	Max Power	Model Number
9 - 36 V	56 V @ 0.7 A	90%	40 W	APU 40-56

Mechanical Drawings



Connections

Pin	Function
1	Remote On/Off
2	-Vin
3	+Vin
4	+Vout
5	NC
6	-Vout
7	NC
8	NC



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