

RAC10-K/277



The RAC10-K/277 series are highly efficient PCB-Mount power conversion modules with ultra-low energy losses even in light load conditions. Built for worldwide usage, the AC/DC units cover an enhanced mains input range of 85Vac up to 305Vac and come with international safety certifications for both industrial and household standards. These AC/DC modules offer fully protected single or dual outputs as well as EMC class B compliance without the need of any external components. The 150% peak power capability makes the RAC10-K/277 series suitable for inductive, high start-up current or

nonlinear loads. With a full load temperature range of -40°C to +65°C, they are ideal for always-on and standby mode operations in process automation, IoT and smart building applications.

Unique Selling Proposition:

- Wide input range 85-305VAC
- Full load temperature range: -40°C to +65°C
- Ultra-high efficiency over entire load range
- International EMC compliant
- Lowest total cost of ownership
- Standard footprint and pinout

Target customer:

- IoT applications
- Stand-by applications
- Monitoring systems
- Instruments and meters
- Controllers and sensors
- Industrial controls
- Security systems
- Space constraint applications

Main Features:

- 10W AC/DC in 2"x1"
- Universal input range 85 – 305VAC
- Output voltages 3.3, 5, 12, 24, ±12 and ±24VDC
- Operating temperature range: -40°C to +65°C @ full load
- SCP, OVP, OLP
- UL/IEC/EN60950-1 & UL/IEC/EN62368-1 certification
- 150mW in standby
- High efficiency also by 10% load

Datasheets and additional information can be found on: www.recom-international.com