

20W DIN-Rail AC/DC Power Supply is Highly Versatile

Low power AC/DC converters used in cabinet and DIN rail applications are often installed by non-specialists. As a result, they must be designed to handle worst-case supply conditions while remaining uncritical in terms of mounting orientation and airflow requirements. The new cost-effective RAC20NE-K/277/EPID series from RECOM are ideal in these respects with a wide 85-305VAC input range, rated Class II and OVC III to 3000m. Their compact 26.4mm width occupies little space on a DIN-Rail or back-plate, delivering full 20W output power without airflow up to +55°C (85°C with derating). Additionally, the parts can be chassis mounted in any orientation using the provided fixing holes. With IP40 ingress protection, and tool-free push-in terminals for input and output connections, installation is quick and hassle-free.



The encapsulated RAC20NE-K/277/EPID models offer fully regulated DC outputs of 5, 12, 24, or 36VDC, with an additional 24VDC version featuring active current limitations. With efficiencies up to 88%, these power supplies ensure cool operation and a high MTBF exceeding 1 million hours. They comply with safety standards for reinforced isolation, 'Class B' EMC levels with a floating or grounded output and meet Eco-design no-load and standby loss requirements. Short circuit, over-current, over-voltage, and over-temperature protection are provided.

The size of the RAC20NE-K/277/EPID is just 83.0 (H) x 26.4 (W) x 29.5mm (D) and parts are supplied with a clip for tool-less 'snap-on' fitting to a fixed DIN-Rail.

Datasheets and additional information can be found on: <https://recom-power.com>