

RAC05-K/PD3/H



The RAC05-K/PD3/H series of 5-watt AC/DC power supplies are UL/IEC61010 safety rated to PD3 for industrial and professional ambient with excessive pollution to be expected, as well as higher electrical input stress of mains conditions to OVCIII by UL in the range of 100-277Vac nominal input (-10/+15%). In case of unstable grid conditions the modules support input conditions up to 400Vac / 480Vac, permanently without damage in an operating temperature range from -40°C to +85°C. Fully protected outputs as well as EMC class A and B compliance without external components for floating installations are making these ruggedized encapsulated items with silicone-free potting an ideal fit for integration into worldwide applications in the fields of EV-charging wall boxes, smart grid, renewable energy, smart meters and IoT applications or food and beverage processing applications.

Unique selling proposition:	5 watt AC/DC units designed for harsh industrial and outdoor mains condition // OVC III input and as well PD3 pollution degree ratings // Operating temperature range: -40°C to +85°C // Overvoltage and overcurrent protected // EMC 55032 class B compliant in floating output installations without external components // No load power consumption <0.5W
Target customer:	EV-charging wall boxes // smart grid // renewable energy // smart meters // IoT applications // food and beverage processing applications
Main features:	5 Watt AC/DC power module // Wide input range 85-318VAC or 130-745VDC // Operating temperature: -40°C to +85°C // Fully protected outputs // 50mm x 25mm x 23.5mm case
Global sales release date:	28-July-2021
Web release date:	28-July-2021
Available from sample stock:	RAC05-05SK/PD3/H, RAC05-12SK/PD3/H