

RAC3.5-K/277



The RAC3.5-K/277 series are multipurpose 3.5 Watt board mount AC/DC power supplies with a wide mains input range from 85VAC up to 305VAC and an extended operating temperature range from -40°C up to +85°C. These compact modules are designed to power applications in automation, Industry 4.0, IoT, household and smart buildings. For worldwide use they come with international safety certifications for industrial, domestic and ITE as well as household standards. Standard pinout with fully protected outputs and EMC class B compliance without any external components or earth connection make the RAC3.5-K series one of the easiest to use and most cost effective power solutions in the industry.

Unique selling proposition:	Wide input range 85-305VAC // Standby mode optimized (eco design Lot 6) // High efficiency over the entire load range // Operating temperature range: -40°C to +85°C // Overvoltage and overcurrent protected // EMC compliant without external components// 3 years warranty
Target customer:	Automation // Industry 4.0 // IoT // Household applications // Smart buildings
Main features:	3.5 Watt AC/DC power module // Wide input range 85-305VAC // Operating temperature range: -40°C to +85°C // Fully protected outputs // 32mm x 27mm x 22mm case
Web release date:	September 9 th , 2018
Available from sample stock:	RAC3.5-3.3SK/277; RAC3.5-05SK/277; RAC3.5-12SK/277; RAC3.5-15SK/277; RAC3.5-24SK/277

RAC05-K/277



The RAC05-K/277 series are multipurpose 5 Watt board mount AC/DC power supplies with a wide mains input range from 85VAC up to 305VAC and an extended operating temperature range from -40°C up to +85°C. These compact modules are designed to power applications in automation, Industry 4.0, IoT, household and smart buildings. For worldwide use they come with international safety certifications for industrial, domestic and ITE as well as household standards. Standard pinout with fully protected outputs and EMC class B compliance without any external components or earth connection make the RAC05-K series one of the easiest to use and most cost effective modular power solutions in the industry.

Unique selling proposition:	Wide input range 85-305VAC // Standby mode optimized (eco design Lot 6) // High efficiency over the entire load range // Operating temperature range: -40°C to +85°C // Overvoltage and overcurrent protected // EMC compliant without external components// 3 years warranty
Target customer:	Automation // Industry 4.0 // IoT // Household applications // Smart buildings
Main features:	5 Watt AC/DC power module // Wide input range 85-305VAC // Operating temperature range: -40°C to +85°C // Fully protected outputs // 32mm x 27mm x 22mm case
Web release date:	July 16 th , 2018
Available from sample stock:	RAC05-3.3SK/277; RAC05-05SK/277; RAC05-12SK/277; RAC05-15SK/277; RAC05-24SK/277;

RAC05-K/277/W



The RAC05-K/277/W series are multipurpose 5 Watt wired AC/DC power supplies with a wide mains input range from 85VAC up to 305VAC and an extended operating temperature range from -40°C up to +85°C. These compact modules are designed to power applications in automation, Industry 4.0, IoT, household and smart buildings. For worldwide use they come with international safety certifications for industrial, domestic and ITE as well as household standards. 100mm wired connections with fully protected outputs and built-in EMC class B compliance without an earth connection make the RAC05-K/277/W series one of the easiest to use and most cost effective power solutions in the industry.

Unique selling proposition:	Wired 5 Watt power module // Wide input range 85-305VAC // Standby mode optimized (eco design Lot 6) // High efficiency over the entire load range // Operating temperature range: -40°C to +85°C // Overvoltage and overcurrent protected // EMC compliant without external components// 3 years warranty
Target customer:	Automation // Industry 4.0 // IoT // Household applications// Smart buildings
Main features:	Wired 5 Watt AC/DC power module // Wide input range 85-305VAC // Operating temperature range: -40°C to +85°C // Fully protected outputs//32mm x 27mm x 22mm case
Web release date:	September 10 th , 2018
Available from sample stock:	RAC05-3.3SK/277/W; RAC05-05SK/277/W; RAC05-12SK/277/W; RAC05-15SK/277/W; RAC05-24SK/277/W

RAC05-K/480



The RAC05-K/480 series of 5 Watt board mount AC/DC units are specially designed for two or three phase use in harsh industrial conditions. These PCB-mount power supplies are rated to OVC III with 6kV surge capability without any external components to allow direct connection to 100-480VAC nominal supply voltages with either phase-to-phase or phase-to-neutral operation. DC input operation up to 745VDC is also permitted. An operating temperature range from -40°C to +80°C, fully protected outputs as well as built-in EMC compliance without an earth connection make them an ideal fit for integration into smart grid, renewable energy, photovoltaic, smart meters and IoT applications.

- Unique selling proposition:** 5 watt AC/DC units designed for harsh industrial and outdoor mains condition // OVC III input rating without additional fuses // Operating temperature range: -40°C to +80°C // Overvoltage and overcurrent protected // EMC compliant without external components // No load power consumption <0.5W
- Target customer:** Smart grid // Renewable energy // Smart metering // IoT applications
- Main features:** 5 Watt AC/DC power module // Wide input range 85-528VAC or 130-745VDC // Operating temperature: -40°C to +85°C // Fully protected outputs // 50mm x 25mm x 23.5mm case
- Web release date:** June 25th, 2018
- Available from sample stock:** RAC05-05SK/480; RAC05-12SK/480

RAC15-K



The RAC15-K series are compact, low cost 15W board mount AC/DC units with low no-load and light load losses, making them a benchmark for always-on and standby mode operations. These power supply units operate over a worldwide mains input range of 85VAC up to 264VAC and come with international safety certifications for industrial, AV and ITE as well as household standards. The RAC15-K series feature a wide operating temperature range of -40°C to +80°C, fully protected single or dual outputs as well as EMC class B compliance without the need of any external components.

- Unique selling proposition:** 15W AC/DC power module // Wide input range 85-264VAC // Standby mode optimized PSU (ENER Lot 6) // Ultra-high efficiency over entire load range // Operating temperature range: -40°C to +80°C // Overvoltage and overcurrent protected // EMC compliant without external components // No load power consumption < 75mW
- Target customer:** Automation // Industry 4.0 // IoT // Household applications // Smart buildings
- Main features:** 15 Watt AC/DC power module // Wide input range 85-264VAC // Operating temperature range: -40°C to +80°C // Fully protected outputs // 50mm x 25mm x 23mm case
- Web release date:** June 18th, 2018
- Available from sample stock:** RAC15-05SK;

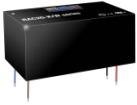
RAC20-K



The RAC20-K series are compact, low cost 20W board mount AC/DC units with low no-load and light load losses, making them a benchmark for always-on and standby mode operations. These power supply units operate over a worldwide mains input range of 85VAC up to 264VAC and come with international safety certifications for industrial, AV and ITE as well as household standards. The RAC20-K series feature a wide operating temperature range of -40°C to +55°C, fully protected single or dual outputs as well as EMC class B compliance without the need of any external components.

- Unique selling proposition:** 20W AC/DC power module // Wide input range 85-264VAC // Standby mode optimized PSU (ENER Lot 6) // Ultra-high efficiency over entire load range // Operating temperature range: -40°C to +80°C // Overvoltage and overcurrent protected // EMC compliant without external components // No load power consumption < 75mW
- Target customer:** Automation // Industry 4.0 // IoT // Household applications // Smart buildings
- Main features:** 20 Watt AC/DC power module // Wide input range 85-264VAC // Operating temperature range: -40°C to +80°C // Fully protected outputs // 50mm x 25mm x 23mm case
- Web release date:** June 18th, 2018
- Available from sample stock:** RAC20-05SK;

RAC20-K/W



The RAC20-K/W series are compact, low cost 20W wired AC/DC units with low no-load and light load losses, making them a benchmark for always-on and standby mode operations. These power supply units operate over a worldwide mains input range of 85VAC up to 264VAC and come with international safety certifications for industrial, AV and ITE as well as household standards. 100mm wired connections with fully protected outputs and built-in EMC class B compliance without an earth connection make the RAC20-K/W series one of the easiest to use and most cost effective power solutions in the industry.

Unique selling proposition:	Wired 20W AC/DC power module // Wide input range 85-264VAC // Standby mode optimized PSU (ENER Lot 6) // Ultra-high efficiency over entire load range // Operating temperature range: -40°C to +80°C // Overvoltage and overcurrent protected // EMC compliant without external components // No load power consumption < 75mW
Target customer:	Automation // Industry 4.0 // IoT // Household applications // Smart buildings
Main features:	20 Watt AC/DC power module // Wide input range 85-264VAC // Operating temperature range: -40°C to +80°C // Fully protected outputs // 50mm x 25mm x 23mm case
Web release date:	September 10 th , 2018
Available from sample stock:	RAC20-05SK/W;

RKZE



The RKZE series are low cost 2W DC/DC converters in a standard SIP7 footprint. This makes them suitable for price sensitive industrial, test and measurement and high volume applications. The RKZE converters are pin-compatible with the RK and RH converter series, offering a simple way to upgrade a 1W high isolation supply to 2W. Standard isolation is 3kVDC with a /H version factory tested to 4kVDC. The RKZE is available with single or dual outputs with optional continuous short circuit protection (/P suffix).

Unique selling proposition:	Low Cost 2W converter //3kVDC or 4kVDC isolation // Single or dual outputs // Short circuit protected (/P version) // 3 years warranty
Target customer:	Communication systems // Distributed power systems // Process / Industrial control equipment // Robotics
Main features:	Unregulated 2W DC/DC converter// Single or dial outputs // 3kVDC or 4kVDC isolation // Industry standard SIP7 package // Short circuit protected (/P versions)
Web release date:	September 4 th , 2018
Available from sample stock:	RKZE-0505S; RKZE-0505S/H; RKZE-0505S/P; RKZE-1205S; RKZE-1212D;