

**RS Components introduces robust embedded power supply series
from TDK-Lambda for industrial applications**

***Series of 10 models comes with 1000W or 1500W power handling options, as well as
isolated 5V 1A standby voltage to help prevent complete system resets***

Johannesburg, South Africa, 18 September 2019 – [RS Components \(RS\)](#), the trading brand of Electrocomponents plc (LSE: ECM), a global multi-channel provider of industrial and electronic products and solutions, has announced availability of a new series of AC-DC embedded switch-mode power supplies (SMPS) from TDK-Lambda, a group company of TDK corporation and a leading maker of highly reliable power supplies for industrial equipment worldwide.

The cost-effective [RWS-B series](#) of AC-DC industrial power supplies comprises 10 models, each coming with an isolated 5V 1A standby voltage option. This latter feature makes the series suitable for markets including industrial, communications, test and measurement, LED signage equipment, and alternative-energy applications.

Importantly, the additional isolated 5V standby voltage kicks in even when the main output is inhibited or is in overvoltage or overcurrent condition. This low-power output means the supply of an additional voltage to keep key circuitry active during an energy-saving 'sleep' mode or during an overload condition – thereby avoiding a complete hard system restart.

Offering either 1000W (RWS1000-B) or 1500W (RWS1500-B) output power, the series has a universal 85 to 265V AC input range and includes devices with 12V, 15V, 24V, 36V and 48V DC outputs. Other features of the series include: remote on/off; current share; an isolated DC Good/Fan-Fail signal; and reverse airflow – which can extend operation in ambient temperatures up to +70°C. Unit dimensions are 127 x 63mm with a height of 198/261mm for the 1000W/1500W models, respectively.

All the units are certified to the IEC/EN/UL 60950-1 safety standards with CE marking for the Low Voltage, EMC and RoHS2 EU Directives. The units also comply with EN55011-B and EN55032-B for conducted and radiated emissions and meet the EN61000-3-2 harmonics and IEC61000-4 immunity standards.

Offering a long-service life, the RWS1000/1500-B series is now available from RS for delivery in [South Africa](#) and across [Sub-Saharan Africa](#).