



COSEL's 200W triple output power supply for robotic controllers and factory automation named as finalist in prestigious Electronics Industry Awards

**Press Release
2020-06-09**

Cosel Co, Ltd (6905: Tokyo) today announced that its RBC200F, 200W open-frame, configurable AC/DC power supply with triple outputs tailored for robotic controllers and factory automation has been selected by the Electronics Industry Awards voting panel as a finalist in the highly contested Power Product of the Year category.

Based on a unique concept, the Cosel RB series offers three configurable isolated outputs, with one having a reinforced isolation to power Intelligent Gate Bipolar Transistors (IGBT) or equivalent applications. Certified to EN62477-1 Over Voltage Category (OVC) III, by reducing the need for an extra isolation transformer when connected to a distribution panel, the RBC200F power supply simplifies the design process for systems architects while reducing costs. Reducing energy consumption, the RBC200F is fully digitally controlled on the input and output stages. Designed to reduce complexity, the RBC200F features three independent outputs.

The RBC200F accepts input voltages of 84 to 264VAC and delivers an output power of 207W. The product is designed for convection cooling and can be operated from -20 to +70 degrees centigrade. The RBC200F as an input to output isolation of 3,000VAC, and an input to ground isolation of 2,000VAC. The isolation voltage between the three outputs has been optimized for robotic controllers applications. Isolation between the master output and output two corresponds to a functional isolation of 500VAC when the isolation between the master output, output two and the third output is reinforced to 3,000VAC. Certified to IEC/EN62477-1 OVC III and complying with EN61558-2-16, the RBC200F can be directly connected to the installation distribution panel, eliminating the need for an additional isolation transformer.

“We are greatly honored that a COSEL power solution product we developed for mid-size robotics equipment has achieved finalist status in the Power Product of the Year category of the Electronics Industry Awards. It's a strong signal that COSEL's clever combination of the latest technology in digital control coupled with our own advanced topologies make the COSEL RBC200F



a very important power solution for our customers engaged in industry modernization and the transition towards Industry 4.0.” said Tatsuo Yamamoto, COSEL’s US and European Business Units Executive Officer.

Now in its third year, the Electronics Industry Awards 2020 tallies votes from the industry via an online vote, with the expert opinion of its judges, a panel of six electronics heavyweights and industry figures. On the announcement of the shortlist, CIE's editor Niamh Marriott commented, "A massive congratulations to the shortlisted candidates of the Electronics Industry Awards 2020 and the best of luck to all for the final win. Despite the huge difficulties currently facing our industry, and indeed our way of life, I continue to remain impressed by the work ethic and commitment of the electronics sector to keep innovating. The awards will offer a chance for positive reflection, and to recognize the enormous achievements from the past year. I'm delighted that we've had more entries than ever before, and that the industry continues to support and participate with our annual event. I look forward to celebrating with you all in due course."



RBC200F triple isolated outputs perfect for robotic controllers and factory automation

Related links:

<https://www.coseleurope.eu/Products/AC-DC/RB>



About Cosel:

Established in Japan 1969, COSEL is one of the world's leading designers and manufacturers of high performance AC-DC Power Supplies, DC-DC Converters and EMI Filters. With quality, reliability & flexibility as our main focus, we pride ourselves on developing some of the highest quality and most reliable products seen anywhere in the world today. The Cosel Group is a \$253m global company employing some 810 staff with sales offices throughout Japan, Asia, Europe and North America. Our product range is aimed mostly at demanding applications within the Industrial, Factory Automation, Medical, Telecoms, Lighting, Audio/Broadcast & Renewable Energy sectors. A flexible approach with full in-house design means we deliver products using the very latest technology meeting the growing demands of our customers.

Note to the Editors:

The Cosel Group includes the European power specialist Powerbox International AB, which has been acquired June 25, 2018 by COSEL.

About The Electronics Industry Awards

The Electronics Industry Awards is a premier event that recognizes outstanding people, products and business practices from across the electronics sector. The Awards are organized by Datateam Business Media, in association with CIE Magazine. The Electronics Industry Awards ceremony will take place in London, Thursday 24 September 2020.

<https://electronicsindustryawards.co.uk/>

For more information contact:

Press and media relations

Patrick Le Fèvre

Phone: +46 (0) 158 703 00

Sales and technical requests

COSEL EUROPE GmbH

Berner Straße 53, 60437 Frankfurt am Main, Germany

<https://www.coseleurope.eu>

TEL: +49-69-95-0079-0

FAX: +49-69-50-8302-00

E-mail: sales@coseleurope.eu

Reference :

COSEL PR-20 :002_EN_RBC200F_EIA-Finalist