



COSEL Group announces two technology leading products are finalists in the prestigious Elektra Awards

Press Release

2019-10-02

- COSEL - RBC200F 200W AC/DC Power Supply tailored for small and medium robotics applications
- POWERBOX - ENI250A microprocessor controlled power supply for factory automation applications

Cosel Co, Ltd (6905: Tokyo) has announced that two leading products from the Cosel group, the COSEL RBC200F 200W AC/DC power supply tailored for small and medium robotics and the POWERBOX ENI250A microprocessor controlled power supply for factory automation applications have been selected by the Elektra Awards committee as a finalists in the highly contested Power System Product of the Year category.

The demand for small and medium robotic equipment is not only increasing but changing in scope. New applications such as surgery, home healthcare assistance and more broadly speaking, medium sized industries require smaller robots than those used for example in the car industry. Small and medium size robotic systems are highly integrated and designers require power supplies to comply in many ways. For example, to comply with a wide variety of applications, with worldwide safety standards, and the ability to offer more than just 'basic' power, e.g. offer dedicated channels for IGBT control.

All too often, conventional power supplies offer just part of what system designers require, with few if any completely embracing the designers' wish list. To offer a power solution that meets all of these new requirements, COSEL developed the RBC200F series.

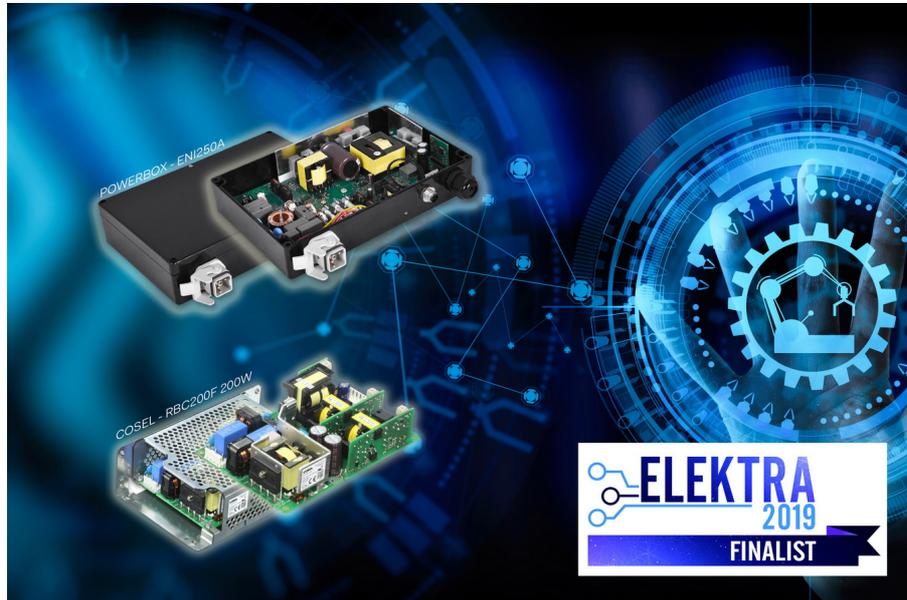
Factory automation is already well established in many industries, but with the progress in Artificial Intelligence (AI), remote communication and the growing demand for shorter customer lead times, it is predicted to explode in coming years. Similarly, the growth of automated parcel-hubs is expected to rise spectacularly.

The rapid development of e-commerce has contributed to the creation of highly automated hubs with conveyers, sorting switches and many other equipments requiring efficient and intelligent power solutions able to work in demanding environments. The Powerbox (PRBX) ENI250A series has been



designed to deliver peak power to motor start or/and power high capacitive loads in factory automation applications. The three-phase ENI250A series is housed in an IP54 case, delivers a constant 250W, up to 480W peak power with an efficiency of up to 94%. The ENI250A includes a microcontroller that offers many possibilities to adjust protection behavior to meet specific customer requirements.

“It is apt and fitting that the Cosel group has achieved finalist status in the Power System Product of the Year category of the Elektra Awards for two leading power solutions for factory automation and robotics that are truly innovative. It’s a strong signal that the Cosel group’s clever combination of the latest technology in digital power coupled with our own advanced topologies make the COSEL RBC200F and the POWERBOX ENI250A very important components of the Cosel group Power solution toolbox.” said Tatsuo Yamamoto, COSEL’s EU & USA Sales Director. “Combining the COSEL expertise in standard products, with more than 3,500 custom power projects delivered by PRBX to the market demonstrates the strength of synergies within the Cosel group, directly benefiting our customers.”



COSEL - RBC200F 200W AC/DC Power Supply tailored for small and medium robotics and POWERBOX - ENI250A microprocessor controlled power supply for factory automation applications

Related links:

COSEL - RBC200F: <https://www.coseurope.eu/Products/AC-DC/RB>

POWERBOX - ENI250A: <https://www.prbx.com/product/eni250a/>

About the Elektra Awards

The Elektra European Electronics Industry Awards are the high point of the year for the European electronics industry. Established as the best promotional platform to celebrate the achievements of individuals and companies across Europe, they present best practice in key areas including, innovation, sales growth and employee motivation. Our industry will get together to showcase the finest new products, technology innovation and company performances of the year. An independent panel of judges will assess the quality of all entries and the winners will be announced at the Awards Ceremony that will take place on Wednesday 4th of December 2019 at the Grosvenor House, Park Lane, London.

<https://www.elektraawards.co.uk/elektraawards2019>

**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.

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-19:006_EN_Elektra-Awards-Finalist