

Frimley, UK

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Compact 40 ampere power supply for industries with high reliability requirements

Siemens UK & Ireland has added a new 24 volt, 40 ampere power supply to its modular SITOP product line for single phase networks.

The SITOP SU8200 contributes toward high system availability by supplying up to three times the rated current for 25 minutes, or 1.5 times the rated current for five seconds per minute in the event of a short-term overload.

With an efficiency level of up to 93 percent, SITOP SU8200 consumes very little energy and generates minimal heat inside the control cabinet. At just 145mm wide, it also saves a considerable amount of space on a standard mounting rail.

The device has a rugged metal enclosure and a wide-range single-phase input (85 to 132/170 to 264 V AC), with automatic range switchover between 120 V and 230 V AC.

The power supply also features an integrated "24 V OK" signaling contact, an output voltage variable from 24 to 28 volts to compensate for voltage drops, a wide ambient temperature range from -25 to +70°C, as well as UL, CSA, GL, ATEX or IECex international certifications.

To help with the design and planning process, 2D/3D data, circuit diagram macros,

operating instructions and certificates are available free of charge on www.siemens.co.uk. Product information, such as data sheets and manuals, can be downloaded directly during operation by reading the data matrix code with the Siemens Industry Online Support App.

Joanne Banks, Product Manager - Micro Automation & SITOP Power Supplies at Siemens UK & Ireland comments: "The new SITOP SU8200 is a robust power solution for the automotive, food, pharmaceutical and chemical sectors, as well as any other industries which have high reliability requirements.

"Our SITOP switched mode power supply units are globally recognised for their ability to cope with critical network conditions; this new compact solution means manufacturers can continue using high quality products without the need for a large amount of space."

For more information on the SITOP range and Siemens' solutions for industry, visit www.siemens.co.uk.

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About Siemens

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of gas and steam turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2015, which ended on September 30, 2015, Siemens generated revenue of €75.6 billion and net income of €7.4 billion. At the end of September 2015, the company had around 348,000 employees worldwide. Further information is available on the Internet at www.siemens.com.