

### Industry Sector Industry Automation Division

Nuremberg (Germany), November 28, 2008

#### **Compact 24 volt power supplies with high performance but low space requirements**

Siemens's Industry Automation Division has added a new compact 40 ampere basic unit to its Sitop modular power supply series. It is only 150 millimeters wide, which is 90 millimeters narrower than the previous unit. The 20 ampere power supply has also been renewed and is only 70 millimeters wide. The two Sitop PSU300M standard mounting rail power supplies for connection to 3-phase 400-500 volt AC networks now have a wider range input (from 320 to 575 volt AC) than previous versions. This enables them to be used in almost all the world's 3-phase networks, and they provide a reliable 24 volt supply even when there are large deviations in the voltage supply. The user now simply evaluates the "DC 24 V OK" operating mode via the new, integrated dry signaling contact.

The new 40 ampere power supply is a substantial improvement on the previous model. Apart from its small dimensions, the power unit now supplies 60 amperes for five seconds, so it can easily switch on even terminal equipment with high starting currents. Its efficiency of up to 93 percent reduces energy consumption and heat build-up in the control cabinet

Like all Sitop basic units in the modular series, the new Sitop PSU300M standard mounting rail power supplies also have rugged metal enclosures. They can provide up to three times the rated current to meet short-term peak power demands. Moreover, the short-circuit response can be set with the options: latching shutdown or constant current with automatic re-ramp up to the output voltage. Used in combination with Sitop add-on modules, comprehensive protection can be achieved against primary and secondary disturbances.

Further information can be found on the Internet at: [www.siemens.com/sitop](http://www.siemens.com/sitop)

A photo accompanies this press release. You can find this photo on the Internet at:  
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The **Siemens Industry Sector** (Erlangen, Germany) is the worldwide leading supplier of production, transportation and building technologies. With integrated hardware and software technologies as well as comprehensive Industry-specific

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Reference number: IIA200811.1664e fp

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solutions, Siemens increases the productivity and efficiency of its customers in the fields of industry and infrastructure. The Sector consists of six divisions: Building Technologies, Industry Automation, Industry Solutions, Mobility, Drive Technologies and Osram. With around 209,000 employees worldwide Siemens Industry achieved in fiscal 2007 total sales of approximately EUR40 billion (pro forma, unconsolidated). [www.siemens.com/industry](http://www.siemens.com/industry)

The **Siemens Industry Automation Division** (Nuremberg, Germany) is a worldwide leader in the fields of automation systems, low-voltage switchgear and industrial software. Its portfolio ranges from standard products for the manufacturing and process industries to solutions for whole industrial sectors that encompass the automation of entire automobile production facilities and chemical plants. As a leading software supplier, Industry Automation optimizes the entire value added chain of manufacturers – from product design and development to production, sales and a wide range of maintenance services.