

New basic unit for easy diagnostics and setup of power supply systems

- **Single-phase 480-watt basic unit expands Sitop PSU8600 product line**
- **Four integrated monitored outputs of five amperes each (DC 24 V, 20 A/4x5)**
- **Modular expansion for monitoring up to 36 outputs**
- **Comprehensive diagnostic and maintenance information via integrated Ethernet/Profinet interfaces**

Siemens is expanding its modular Sitop PSU8600 power supply system to include a new single-phase 480-watt basic unit. The new product features four integrated monitored outputs with a total of 24 volts DC at five amperes per output. Each output is flexible and can be set during operation in a range between 4 and 28 volts either manually or remotely via software. This eliminates the need for additional power supply units to supply five or twelve volt loads. The CNX8600 expansion module can be used to monitor up to 36 total outputs. Thanks to its integration into the TIA (Totally Integrated Automation) Portal engineering framework, fast implementation in to the automation is supported. In addition, the Sitop Manager provides easy parameterization and diagnostics. Comprehensive diagnostic and maintenance information are also available via the two integrated Ethernet/Profinet interfaces and via OPC UA, and can be evaluated directly in the automation systems. This means that errors can be located quickly and reduces downtime.

The BUF8600 buffer module or the UPS8600 interruptible power supply module with the BAT8600 battery modules covers mains failures and the comprehensive monitoring and diagnostics functions reduce errors caused, for example, through the overheating or overload of one of the outputs. With the integrated web server and OPC UA server, remote diagnostics and third-party communication are well supported. Integration into the TIA Portal or Step7 for network integration and device

parameterization ensures that engineering is particularly simple. Step7 application programs feature for example function blocks for Simatic S7-300/-400/-1200/-1500. Simatic WinCC Faceplates can be used for integration into the Simatic PCS 7 process control system via the Sitop library. The user also benefits from reliable support for energy management thanks to the individual acquisition of current and voltage for each output and the targeted activation and deactivation of outputs via Profienergy.

This press release and further information, please see

www.siemens.com/press/hm20

Contact for journalists

Katharina Zoefeld

Phone: +49 172 5876725; E-mail: katharina.zoefeld@siemens.com

Follow us on **Social Media**:

Twitter: [www.twitter.com/MediaServiceInd](https://twitter.com/MediaServiceInd) and [www.twitter.com/siemens_press](https://twitter.com/siemens_press)

Blog: <https://blogs.siemens.com/mediaservice-industries-en>

Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI's unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 75,000 employees internationally.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed companies Siemens Energy, the global energy business of Siemens, and Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the energy systems of today and tomorrow as well as the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy (as part of Siemens Energy), Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet www.siemens.com.