

Schneider Electric Delivers Safer, Faster, Easier Solution for Advanced Traffic Control Cabinets

- Industry-first single-chassis AC/DC Low Voltage Power Management Unit (PMU) solution for a safer voltage environment
- Connectorized design allows for a faster, safer install and efficient replacement of connected equipment
- SNMPv3 and IPv6 protocols offer higher security to ensure integrity of equipment and data

Andover, Mass. – March 1, 2017 – [Schneider Electric](#), the global specialist in energy management and automation, today introduced the APC by Schneider Electric Low Voltage (LV) Power Management Unit solution for Intelligent Transportation Systems (ITS) applications, allowing for easier connectivity, maintenance, remote management and security of DC low voltage traffic intersection systems, including controllers, switches and traffic lights. The APC LV PMU is the first product on the market to combine AC/DC voltage in a single chassis, reducing the need for additional equipment in the traffic control cabinet to support AC devices.

Intelligent solutions for smarter transportation

Installed into an Advanced Traffic Control Cabinet (ATCC or ATC) located near intersections, the APC LV PMU provides efficient power management to all connected devices. It offers significant improvements to previous cabinet standards with modularity and compact size, including increased motorist and technician safety, as well as diagnostic enhancements.

“As cities become smarter and more connected, transport plays a vital role in the sustainability, efficiency and liveability of urban environments. As such, transportation systems must become more intelligent, efficient and productive to provide greater safety for citizens and cost savings for municipalities,” said Jamie Bourassa, vice president, Offer Management and Channel Marketing, Schneider Electric. “The APC LV PMU is engineered to optimize and enable smarter traffic control power system management while providing the greatest level of electrical safety within the control environment, increasing operational efficiency and reducing risks to the public.”

With its innovative combined AC/DC voltage design, the solution supports AC powered devices as well as 48Vdc and 24Vdc devices. As DC power is inherently safer than AC power, the solution provides a low voltage option that greatly reduces the risk of electrical shock from high voltage AC power transmission in the event a pole or cabinet is damaged due to accident or storm.

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Additionally, the APC LV PMU's connectorized design simplifies the system at every level by eliminating the need for hardwiring into equipment, enabling safer, more efficient and less costly installation and replacement, while a replaceable fan and filter ease unit maintenance. It also comes complete with an LCD display that allows for easy setup, control and diagnostics of the PMU. A configurable embedded network management card provides greater connectivity and secure, convenient remote monitoring and control, while SNMPv3 and IPv6 protocols and flash upgradeable firmware offer high-level security to ensure the integrity of equipment and data being transmitted over the network. Maintenance personnel can also easily download reports, logged events and other data via USB that help maintain system reliability.

APC by Schneider Electric is the leading brand worldwide for integrated IT infrastructure and software. With a wide array of products that provide reliable power and availability solutions for IT and communications technologies, APC delivers Certainty in a Connected World. With the largest community of partners tailoring solutions for home and business networks, APC protects critical information and data for individuals and businesses.

The APC LV PMU is now available in North America. For more information, please visit www.apc.com.

About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. With revenues of \$26 billion US dollars (25 billion euros) in FY2016, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this **Life Is On**.

www.schneider-electric.com

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Hashtags: #LifelsOn #smartcities #transportation #pmu #connectivity #reliability #safety

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