

ISE 2020 Debut for SurgeX Squid

Written by Frederick Douglas
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SurgeX presents the Squid power management device at ISE 2020-- a product offering networked control and analytics of AC and DC, front-end protection via SurgeX Multi-Stage surge suppression and monitoring and management capabilities.



Squid includes two 5V USB ports for charging and network troubleshooting and eight outputs. Four outputs are traditional controlled and monitored IEC receptacles, and four are DC, eliminating the need for wall warts or a two-box solution. Installers can control the AC and DC ports by using a relay-based system, meaning the device can be monitored and easily integrated into 3rd party control systems.

Installers can use the Squid to power small spaces and keep them running smoothly with preventative maintenance. The small device can be mounted in the rack, behind a flat panel, mounted under a table or integrated into a table hatch. Built-in autosensing allows universal compatibility with 120V to 240V, allowing global companies to simplify installations and spec the same products into offices worldwide.

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As an intelligent and flexible power foundation Squid offers SurgeX ELITE capabilities, including sequencing, scheduling, auto-ping, IP control, monitoring and management, helping installers reduce service calls through proactive management. Built-in diagnostic monitoring provides a single solution for system power management, mitigation and control.

The device measures electrical parameters, including voltage, current, power, frequency, power factor and crest factor, and provides time-stamped power quality events and internal storage of up to 30 days of max/min/average electrical parameters. SurgeX says it meets the highest security standards, with support for all leading network security protocols including 802.1x authentication and active directory.

Squid is available from March 2020 in three models, namely 12V, 24V and a combined 12/24V model.

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