

## Modern Atomics to Debut Reaktor PDU Designed for Motorized Shades

Powering up to 22 shades, yet requiring no AC power, conduit, or electrician, this wall/rack-mountable PDU promises to cut install time and costs by 50%.

BY RS STAFF

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Paul Bryson, Tim Marshall, and Michael Braithwaite — known for their roles in launching NetStreams and key posts at AMX, ClearOne, Crestron, and Screen Innovations — are at it again. Their new company, Modern Atomics, makes its debut at [CEDIA Expo 2024](#) (booth #3520)

with Reaktor, which is a power distribution unit (PDU) designed for motorized shades.

Leveraging patent-pending technology developed by Modern Atomics, one Reaktor can power up to 22 shades (where other PDUs max at 8) yet eliminates up to 99.75% of all the quiescent current, saving up to 412 Kilowatt-hours yearly. A built-in Ammeter on the unit's front shows in real-time how much quiescent current is being saved for all shades.



Reaktor MSRP is \$1499. Included is a passive PoE injector, rack/shelf mounting provisions, and a transferable 10-year warranty. The unit is powered via the provided passive POE injector or a Somfy 24V inline BUS power supply, and in turn drives each of the shades via Cat5 cable and RJ45.

“At just \$68 per motor port, Reaktor is one-half the cost of today’s PDUs,” says Chairperson and Braithwaite. “And its 1.75- x 8.5-inch footprint saves as much as 60% of rack space or 80% of wall space. Additional setup conveniences include an auto-programming feature and, for larger systems, a copy-and-paste system. All of this comes together in eliminating the need for a licensed electrician and conduit and cutting project deployment time and costs by 50%.”

“Today’s PDUs for shades use generic power supplies that fall short,” adds Bryson. “Our high-tech CEDIA channel pros and their clientele deserve so much more. Invented, designed, and built from the ground up by Modern Atomics, Reaktor gives CIs a significant competitive advantage in winning more job bids.

Reaktor is compatible with Somfy motors, the most used brand in indoor and outdoor shades — including brands such as Screen Innovations, Draper, BTX, Corradi, Sol-Lux, Spring Blinds, Clara, Alta, Universal Window Coverings, Peachtree, Graber, and SunSetter. Reaktor works with all major control systems Control4, Crestron Home, Crestron SIMPL, Elan, URC, RTI, Bond Bridge Pro, and more.

At CEDIA Expo 2024, Reaktor can be experienced at Modern Atomics booth (#3520), Screen Innovations (#1928), and Bond (#4109). On Friday Sept. 6, 3:00-4:30 PM (room #111), Modern Atomics is hosting a session called: *Advanced Motorized Shading, Cut Costs and Deployment Time in Half and Lower Power Consumption by Up to 99.75%*. The class will also include training by Bond.



Reaktor ships September 2024.

For more information, visit <https://modernatomics.com/reaktor>.



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