

# Tokamak™

## HALF RACK • 485 DATA HUB

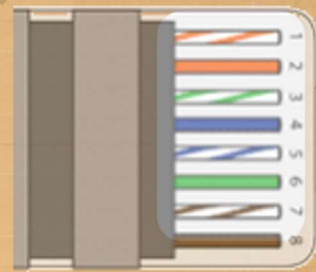
**T**okamak™ Is a low-voltage power and RS485 distribution device for use with ReaKtor™ PDU's . Connect to eight ReaKtors with shielded UTP cable supporting large of up to 176 AC (When used with Triton™) and DC motors of energy and up to forty-eight 485 device nodes.



### Technical specifications:

- Bus Input: (1) 485 Data only
- Bus Output: (1) 485 Data only
- ReaKtor™ Outputs(8) RJ45 48VDC (AI negotiated)
- IEC C13 AC Input 90-240VAC (50-60Hz)
- Material: Powder coated steel enclosure (Plenum)
- Dimensions: 8.5" (W) x 1.75" (H) x 10" (D)
- Maximum Wiring Distance to ReaKtors:
- Up to 50m per RJ45 port w/shielded UTP.
- Operating Temperature Range: Ambient temp.
- Shipping Weight: 4.3 lbs.
- Indoor use only

### Cable pinouts:



RJ45 USOC-8  
TIA/EIA 568-B

- 1 Data A+
- 2 Data B-
- 3 N/C
- 4 Power +
- 5 Power +
- 6 N/C
- 7 Ground
- 8 Ground

### Features summary:

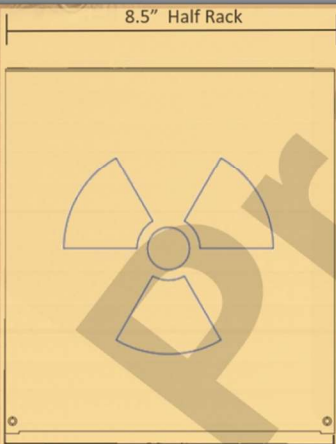
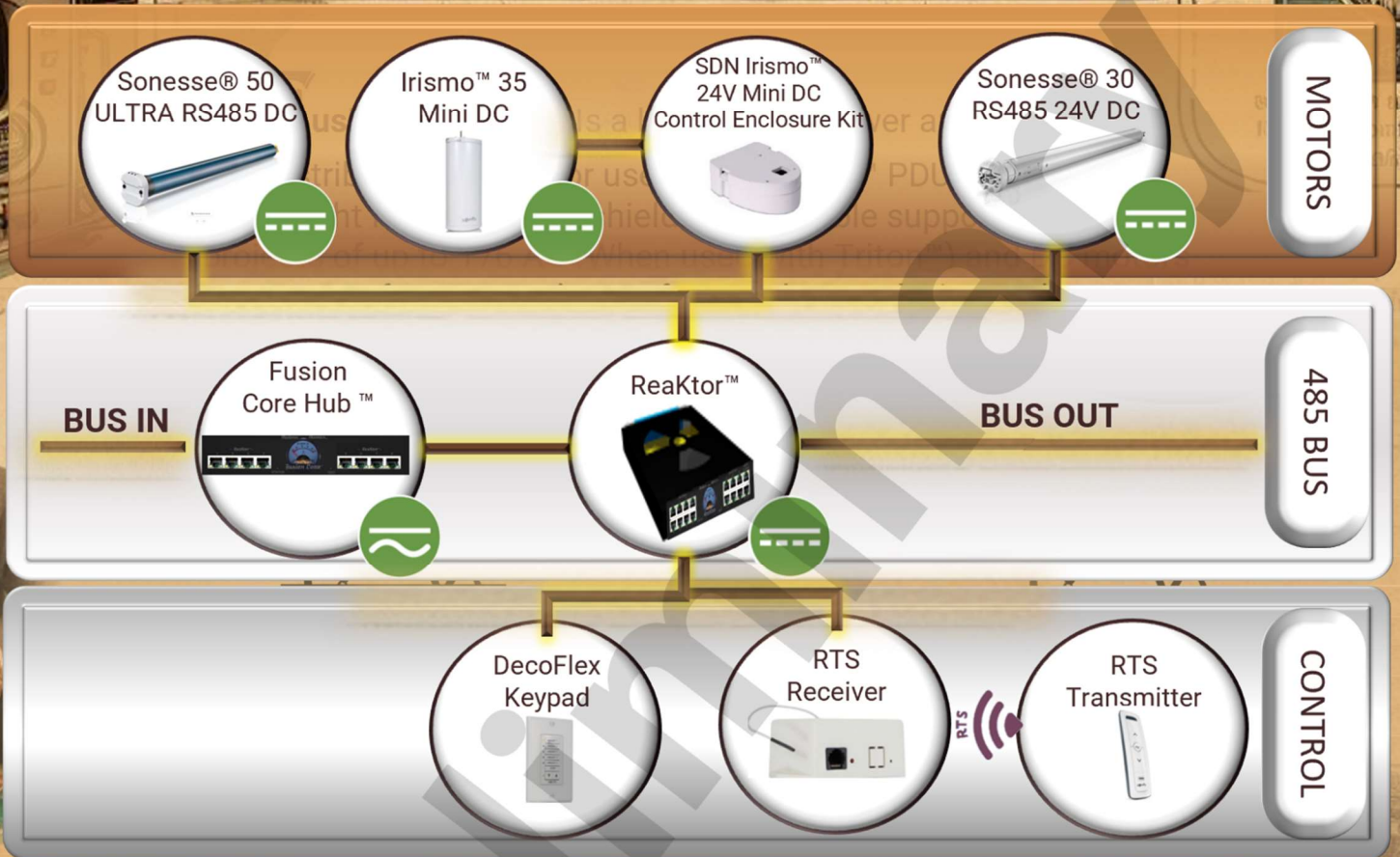
- Auto AI Negotiation with ReaKtors
- Plug and Play no software or hardware dip switches
- Status LEDs for: Power, Communication, & error conditions
- Analog output Voltage Gauge
- Half rack, full rack, on-wall, in-wall and din-rail mounting options

8U ♦ 08.910 ♦ 41398  
48 ♦ 14.900M ♦ 141140

Modern Atomics

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Dimensions:



BU + 00.910 + 41300  
 40. + 14.900M + 141110

[www.ModernAtomics.com](http://www.ModernAtomics.com)

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