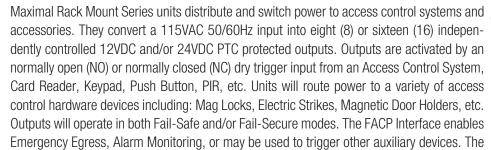


MaximalRD Series

Rack Access Power Controllers (PTC)





fire alarm disconnect feature is individually selectable for any or all of the outputs.



Key Features -

- Eight (8) or Sixteen (16) independently controlled PTC protected 12VDC and/or 24VDC outputs.
- Individually selectable Mag Lock/Strike (Fail-Safe, Fail-Secure) solid state PTC protected outputs.
- Thermal and short circuit protection with auto reset.
- Supervision:
 - AC Fail
 - Low Battery

- Fire Alarm disconnect (latching or non-latching) is individually selectable for any or all of the outputs.
- Fire Alarm disconnect input options:
 - a) Normally open (NO) or normally closed (NC) dry contact input
 - b) Polarity reversal input from FACP signaling circuit.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Lifetime Warranty

MaximalR Power Supply Series Configuration Reference Chart

Altronix Model Number	Power Supply 1 (8 outputs)	Power Supply 2 (8 outputs)	Total Output Current	PTC Protected Auto-Resettable Outputs	Maximum Current Per ACM8CBR-M Output	115VAC, 50/60Hz Input Current	Power Supply Board Input Fuse Rating
Maximal1RHD	12VDC @ 4A	N/A	4A	8	2.0A	1.9A	5A/250V
	24VDC @ 3A	N/A	3A				
Maximal1RD	12VDC @ 4A	N/A	4A	16	2.0A	1.9A	5A/250V
	24VDC @ 3A	N/A	3A	10			
Maximal3RHD	12VDC @ 6A	N/A	6A	8	2.0A	1.9A	3.5A/250V
	24VDC @ 6A	N/A					
Maximal3RD	12VDC @ 6A	N/A	6A	16	2.0A	1.9A	3.5A/250V
	24VDC @ 6A						
Maximal33RD	12VDC @ 6A	12VDC @ 6A	12A	16	2.0A	3.8A	3.5A/250V
	24VDC @ 6A	24VDC @ 6A					
	12VDC @ 6A	24VDC @ 6A					



MaximalRD Series

Rack Access Power Controllers (PTC)

Specifications —

Input

Voltage 115VAC, 50/60Hz.

Fusing Varies, See Reference Chart.

Outputs

Voltage 12VDC and/or 24VDC, see Reference Chart.

Current Varies, see Reference Chart.

Protection PTC 2.0A.

Other Overvoltage protection.

Filtered and regulated outputs.

Back-up Battery (separate enclosure is required)

Type Sealed lead acid or gel type.

Fuse Rating 15A @ 32VDC

(Maximal1RHD and Maximal1RD); Maximal3RHD, Maximal3RD,

and Maximal33RD do not have a battery fuse.

Failover Upon AC loss, instantaneous.

Fire Alarm Disconnect

Supervised Latching or non-latching,

individually selectable for any or all of

the outputs.

Supervision

AC Failure Form "C" contacts.

Battery Form "C" contacts.

Indicators (LED)

Input Illuminated ON/Reset Switch.

Output Individual Output Status LEDs

located on the front panel.

Physical and Environmental

Dimensions (H x W x D)

3.25" x 19.125" x 8.5" (82.6mm x 485.8mm x 215.9mm).

Weight (approx.)

Model	Product Weight	Shipping Weight	
Maximal1RHD	10.7 lbs. (4.85 kg)	12.7 lbs (5.76kg)	
Maximal1RD	10.7 lbs. (4.85 kg)	12.7 lbs (5.76kg)	
Maximal3RHD	10.85 lbs. (4.92 kg)	12.85 lbs (5.83 kg)	
Maximal3RD	10.85 lbs. (4.92 kg)	12.85 lbs (5.83 kg)	
Maximal33RD	12.4 lbs. (5.62 kg)	14.3 lbs (6.49kg)	

Temperature

Operating 0°C to 49°C (32°F to 120°F). Storage -20°C to 70°C (-4°F to 158°F).

Relative Humidity 85% +/-5%.

BTU/Hr. (approx.):

Model	12VDC	24VDC	12 and 24VDC					
Maximal1RHD	25	37	N/A					
Maximal1RD	25	37	N/A					
Maximal3RHD	37	74	N/A					
Maximal3RD	37	74	N/A					
Maximal33RD	74	141	106					

Accessories (order separately)



RE2 Rack Mount Battery Enclosure
accommodates up to four (4) 12VDC/7AH batteries