

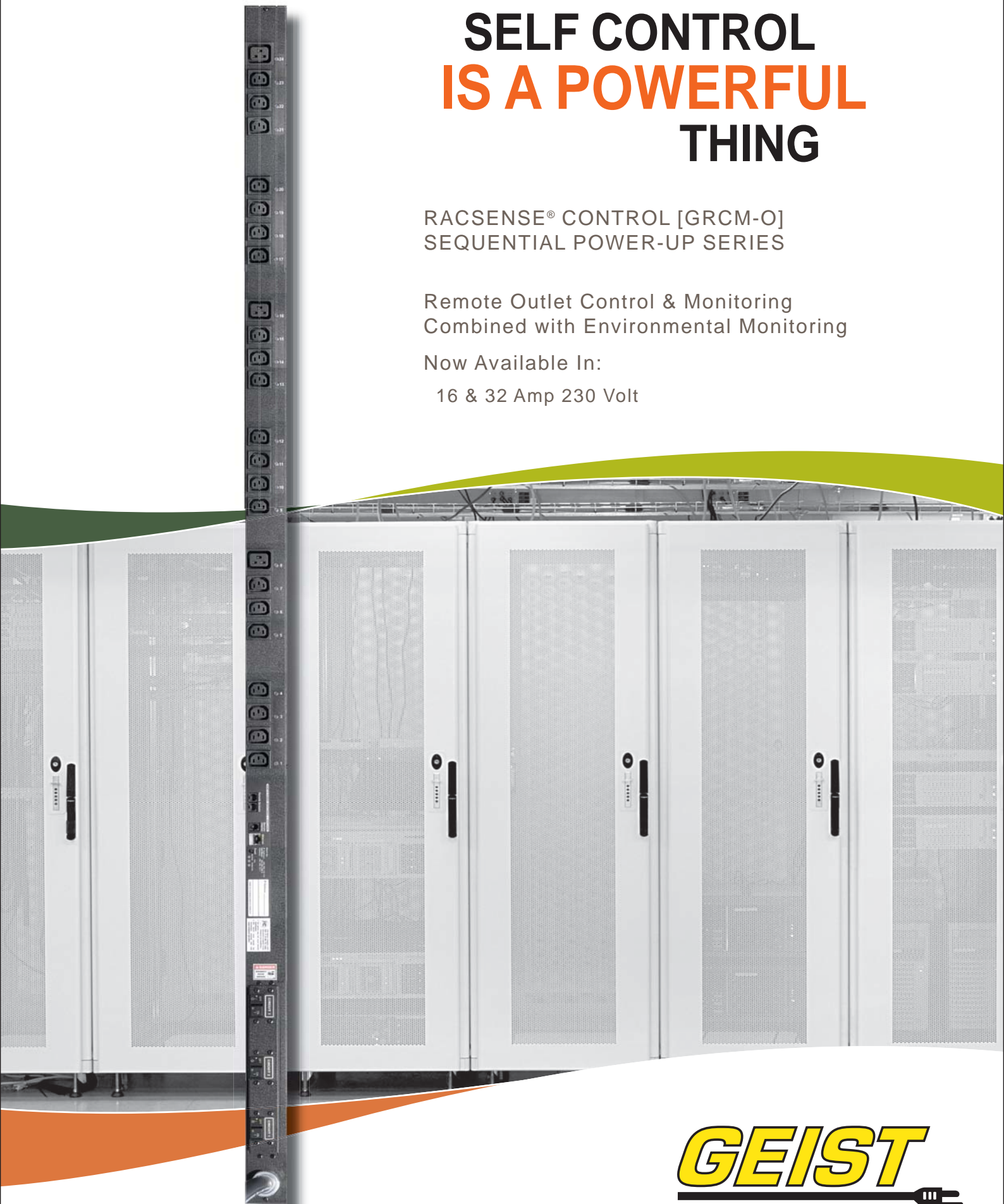
SELF CONTROL IS A POWERFUL THING

RACSENSE® CONTROL [GRCM-O]
SEQUENTIAL POWER-UP SERIES

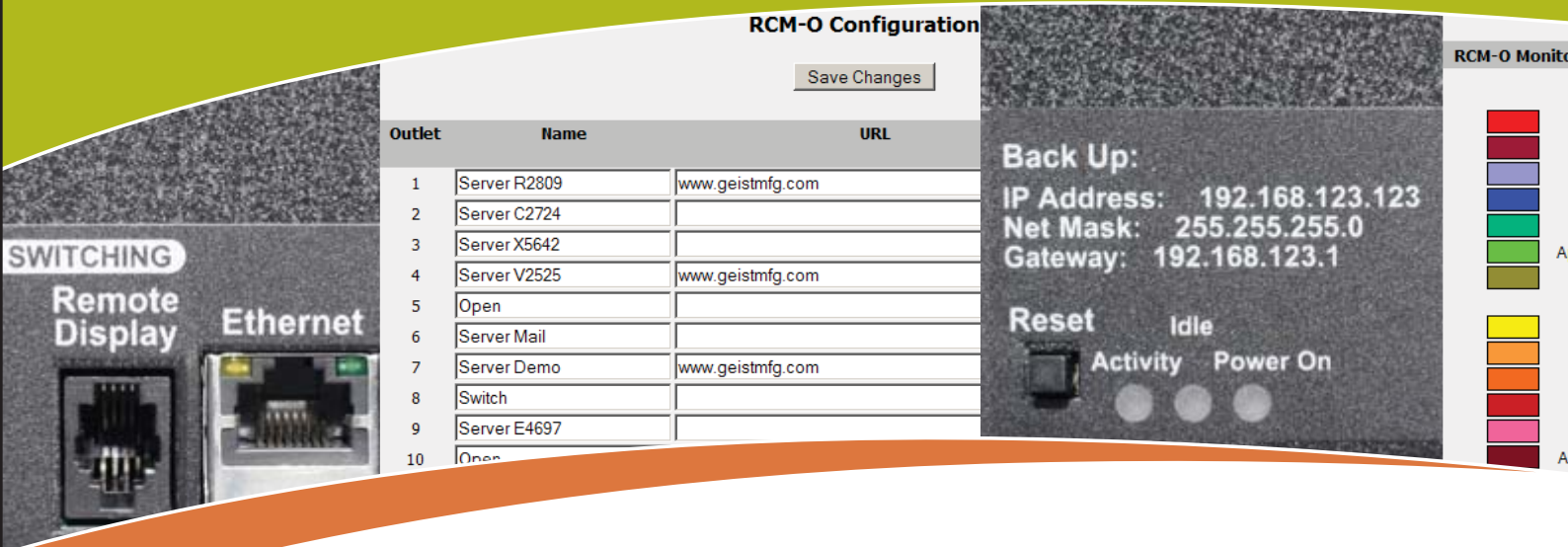
Remote Outlet Control & Monitoring
Combined with Environmental Monitoring

Now Available In:

16 & 32 Amp 230 Volt



GEIST



Outlet	Name	URL
1	Server R2809	www.geistmfg.com
2	Server C2724	
3	Server X5642	
4	Server V2525	www.geistmfg.com
5	Open	
6	Server Mail	
7	Server Demo	www.geistmfg.com
8	Switch	
9	Server E4697	
10	Open	

Back Up:
 IP Address: 192.168.123.123
 Net Mask: 255.255.255.0
 Gateway: 192.168.123.1

Reset **Idle**
 Activity Power On

RCM-O Monitor

-
-
-
-
-
-
-
-

Geist Remote Controlled Master (GRCM-O) power distribution units (PDUs) are designed for power management in IT environments. Issues ranging from unauthorized use of power, locked-up equipment, in-rush current, overloaded circuits, and the need for remote access to power sockets are manageable concerns with the GRCM-O. Geist GRCM-O units deliver individual on/off socket control, power on/off delays, sequential start-up, aggregate current monitoring, user defined alarm thresholds and real-time remote alarming. Utilize GRCM-O's reporting functions to help enhance communication between IT and Operations – it's like having DNA evidence of what's happening in your data center!

features

benefits

Kilowatt-hour (kWh) measurements*	Hold divisions accountable for their power-hungry IT equipment Running total of power usage tells you who's wasting power and who's going green at the cabinet level
Sequential boot-up* *available only on RCM-O series	Electronics have their highest draw on power-up, sequencing your power-ups spreads out the extra load and prevents downtime due to blown breakers
Relay feedback	Gives you an extra level of confidence when you remotely switch a socket Notifies you if a socket is not behaving correctly, saving hours of remote and on-site debugging
Remote switching of individual sockets	Eliminate emergency service calls by rebooting unresponsive equipment via your laptop or PDA Conserve energy with remote shut down of equipment during non-working hours
Remote circuit level current monitoring	Prevent down-time with early notification of power breach thresholds
2 remote environmental sensors ports	Monitor temperature, air flow, humidity and dew point via optional connected sensors
Threshold alarms - remote & local	Immediate and convenient notification via e-mail, SNMP traps and/or local audible alarm
Remote display (GRSD2X8) port	Easily viewable power and environmental data via GRSD2X8
Interfaces with IP web cameras	Visual monitoring of cabinet or computer room
Accessible via any web browser	Simple installation and maintenance - No external software to load or lose



ultimate control in the palm of your hand

ELIMINATE EMERGENCY SERVICE CALLS BY REBOOTING DOWN EQUIPMENT FROM YOUR PDA AND AVOID THE EXPENSE AND DOWNTIME OF "ROLLING A SERVICE TRUCK".

- Activate & deactivate individual sockets or socket groups
- Eliminate in-rush current via user defined socket time activation delays
- Re-establish systems & reboot unresponsive equipment
- Restrict power to a socket
- Control usage while eliminating unauthorized power consumption
- Remotely respond to warnings
- Receive real-time feedback with confirmation

view a live product demo at www.geistintl.com/RCM-O

RCM-O Power-On Actions

Outlet	Name	Delay (seconds)	Action		
			Off	On	Last
1	Server R2809	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	Server C2724	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	Server X5642	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	Server V2525	8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	Open	0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	Server Mail	10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	Server Demo	12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	Switch	14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	Server E4697	16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	Open	0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11	Server R2956	18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12	Open	0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13	Server C8952	20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Server X8967	22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

information is power

INTUITIVE WEB INTERFACE TO CONVENIENTLY ACCESS DIAGNOSTIC DATA, WITHOUT BUYING OR DOWNLOADING SOFTWARE.



Real-time Monitoring & Graphing:

Volts Volts (Peak) Amps Amps (Peak)
 Power Factor Real Power Apparent Power

Up to 16 Remote Environmental Sensors: temperature, airflow, humidity, dewpoint, or any combination

Ease of Use:

- SNMP and XML access to gathered data
- Automatic time set via internet time servers
- PDA and WAP screen formats
- Interfaces with GRSD2X8 remote display and web cameras



Timely Monitoring & User Defined Alarm Notification:

- Audible alarm via GRSD2X8 display module
- SNMP traps for alarm trip and clear
- E-mail notification
- Any combination of the above
- (E)SMTP with POP3 verification avoids missed alarm e-mails

remote visual display & audible alarm included

NO MORE STANDING ON YOUR HEAD OR CLIMBING INTO THE BACK OF YOUR CABINET TO SEE THE POWER AND ENVIRONMENTAL CONDITIONS OF YOUR INSTALLATION.

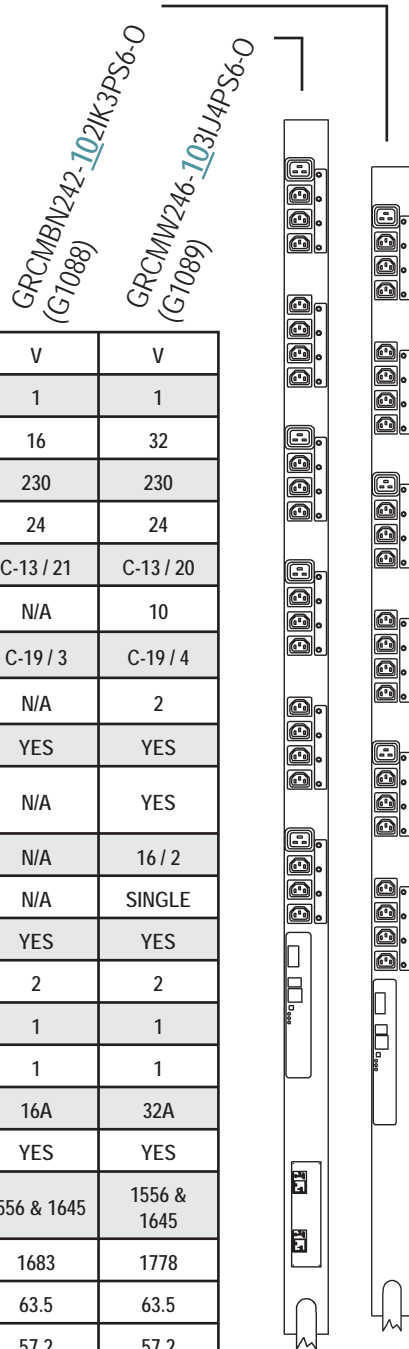
The GRSD2X8 display unit can be mounted practically anywhere that makes it easy for you to view environmental and power conditions. The light weight and compact profile of the GRSD2X8 allow for mounting versatility throughout the rack or cabinet. A 3-meter RJ type connection cord is included to enable precise placement in your installation. This self-powered LCD provides a scrolling display of user-selected critical data gathered by the GRCM-O. Upon breach of thresholds, a red LED will be illuminated and the GRSD will sound a high-pitch alarm.



RacSense® Control IEC Series (GRCM-O)

SPECIFICATION:

Internal Power Sensors	Software Reset Button
Volts RMS: 80-280 VAC	Remote Display (GRSD2X8)
Amps RMS: 0-32A	Connection Jack
Ethernet Connection Jack	External Sensor Connection Ports
Power On Indicator	Two RJ12 Jacks
Idle Indicator	- connect up to 16
Activity Indicator	Remote Sensors via Splitters
FCC Part 15 Class A	CE®, UL® & c-UL® Listed 60950



HORIZONTAL / VERTICAL	V	V
QUANTITY OF INPUTS	1	1
AMPS	16	32
VOLTS	230	230
TOTAL RECEPTACLE QTY	24	24
RECEPTACLE TYPE / QTY	C-13 / 21	C-13 / 20
RECEPTACLES PER BREAKER	N/A	10
RECEPTACLE TYPE / QTY	C-19 / 3	C-19 / 4
RECEPTACLES PER BREAKER	N/A	2
REMOTE POWER SWITCHING AT THE RECEPTACLE LEVEL	YES	YES
MAGNETIC CIRCUIT BREAKER / ON-OFF SWITCH WITH INTEGRAL SWITCH GUARD	N/A	YES
BREAKER AMPERAGE / QTY	N/A	16 / 2
BREAKER POLE CONFIGURATION	N/A	SINGLE
POWER MONITORING	YES	YES
ENVIRONMENTAL MONITORING - REMOTE SENSOR JACKS	2	2
ETHERNET CONNECTION AND LOCAL DISPLAY	1	1
3M POWER LEAD	1	1
IEC 309 2P + E, 250V CONNECTOR	16A	32A
FULL-LENGTH VERTICAL MOUNTING BRACKET	YES	YES
TOOLLESS MOUNTING HARDWARE - CENTER TO CENTER SPACING (mm)	1556 & 1645	1556 & 1645
DIMENSIONS L (mm)	1683	1778
DIMENSIONS W	63.5	63.5
DIMENSIONS D	57.2	57.2