

Partner: Powerhouse Dynamics
Model: eMonitor
Device Type: Power Controller



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Powerhouse Dynamics eMonitor v1.0
CATEGORY:	Power Controller
VERSION:	1.0
SUMMARY:	This module provides real-time power feedback.
GENERAL NOTES:	<p>This module provides real-time power feedback from the eMonitor. Including total wattage and individual circuits.</p> <p>This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2-ENET, CNX-ENET+
SETUP OF CRESTRON HARDWARE:	<p>TCP/IP Client</p> <p>PORT: 80</p>
VENDOR FIRMWARE:	Firmware Version: 16203
VENDOR SETUP:	Before using the eMonitor module the eMonitor must be configured and registered online.
CABLE DIAGRAM:	None

CONTROL:

Poll_Enable	D	Enables polling of the device
Enable_Debug	D	Enables debugging
{{TCP/IP_Client_>>_Connect-F}}	D	Digital signal to be routed from TCP/IP Client symbol Connect_F
{{TCP/IP_Client_>>_status}}	A	Analog signal to be routed from TCP/IP Client symbol status
{{TCP/IP_Client_>>_RX\$}}	S	Serial signal to be routed from TCP/IP Client symbol RX\$

FEEDBACK:

Circuit_(1-24)_Is_Active	D	High when circuit is active
Channel_(1-24)_Text	S	Serial signal to be routed to the touchpanels channel indirect text

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Description_(1-24)_Text	S	Serial signal to be routed to the touchpanels description indirect text
Watts_(1-24)_Text	S	Serial signal to be routed to the touchpanels watts indirect text
Watts_(1-24)_Gauge	A	Analog value of current watts to be sent to a gauge
GaugeMetric_(1-5)_Text	S	Serial signal to be routed to the touchpanels gauge metric indirect text
{{Connect_>>_TCP/IP_Client}}	D	Digital signal to be routed to TCP/IP Client symbol Connect
{{TX\$_>>_TCP/IP_Client}}	S	Serial signal to be routed to TCP/IP Client symbol TX\$

PARAMETERS:

Update Time	P	Select update poll interval – Default = every 30 seconds
Port Number	P	Select communication port number – Default = 80d

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	3.01.22
CRES DB USED FOR TESTING:	24.00.039.00
DEVICE DATABASE:	32.00.019.00
SYMBOL LIBRARY USED FOR TESTING:	708
SAMPLE PROGRAM:	Powerhouse Dynamics eMonitor v1.0 Demo Pro2.smw
REVISION HISTORY:	v1.0 – Original release