



Manufacturer: Gude Systems GmbH
 Model: Expert PowerControl 8221
 Device Type: Power Controller

CONTACT SUPPORT:

COMPANY NAME:	Gude Systems GmbH, Germany
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NOTES:	

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Gude Module 8221 v3.0.umc
CATEGORY:	Power Controller
VERSION:	3.0
SUMMARY:	The module controls the PDU and IP power strip and relay module of GUDE Expert Power Control 8221 through TCP/IP. It can switch relays on/off and meter different power quantities.
GENERAL NOTES:	Http/Https password protection is supported.
CRESTRON HARDWARE REQUIRED:	3-Series processor, 4-Series processor
SETUP OF CRESTRON HARDWARE:	The demo program was written for a CP3. The GUDE Expert Power Control is controlled via TCP/IP. Port: 80 (HTTP) or 443 (HTTPS)
VENDOR FIRMWARE:	V1.7.8
VENDOR SETUP:	Expert Power Control 8221
CABLE DIAGRAM:	Standard ethernet cable.



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CONTROL:

<i>Signal/Function Name</i>		
Enable_HTTPS	D	Set the input to "1" to enable HTTPS.
Px_on	D	Press to switch the port x on.
Px_off	D	Press to switch the port x off.
Px_reset	D	Press to reset the port x.

FEEDBACK:

Px_on_fb	D	Indicates the port x is on.
Px_off_fb	D	Indicates the port x is off.
Px_name	S	Indicates the current port name.
Sx_temperature	S	Indicates the temperature measured by the external sensor x.
Sx_humidity	S	Indicates the humidity measured by the external sensor x.
Sx_pressure	S	Indicates the pressure measured by the external sensor x.
OVPx_ok	D	Indicates the overvoltage-protection of the line-port x is ok.
LineX_Voltage	S	Indicates the voltage at the line-port X in V.



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PARAMETERS:

ipaddress	S	IP address of the device being controlled.
username	S	The username for the password protection (if enabled).
password	S	The password for the password protection (if enabled).

TESTING:

OPS USED FOR TESTING:	CP3N 1.601.3935.27221
SIMPL WINDOWS USED FOR TESTING:	V 4.14.21
DEVICE DB USED FOR TESTING:	V 200.30.002.00
CRES DB USED FOR TESTING:	V 202.00.002.00
SAMPLE PROGRAM:	Gude Demo 8221 v3.0.smw
REVISION HISTORY:	V 1.0 Initial Release V 2.0 Update for Dababase / NewtonSoft Compatibility V 3.0 Fixes a problem if both external sensors are from the same type