CRESTRON

HELP FILE DOCUMENT

Manufacturer: Gude Systems GmbH
Model: Expert PowerControl 8291
Device Type: Power Controller

CONTACT SUPPORT:

COMPANY NAME:	Gude Systems GmbH, Germany
SUPPORT CONTACT:	Hornung Engineering, Germany
EMAIL ADDRESS:	info@hornung-engineering.com
NOTES:	

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Gude Module 8291 v2.0.umc
CATEGORY:	Power Controller
VERSION:	2.0
SUMMARY:	The module controls the PDU and IP power strip and relay module of GUDE Expert Power Control 8291 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:	V1.0.8
VENDOR SETUP:	Expert Power Control 8291
CABLE DIAGRAM:	Standard ethernet cable.

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CONTROL:

Signal/Function Name		
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:

Signal/Function Name		
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.
Bank_X_voltage	S	Indicates the voltage at the bank x in V.
Bank_X_current	S	Indicates the current consumption of bank x in A.
Bank_X_power	S	Indicates the power consumption of bank x in W.
Bank_X_icurrent	A	Indicates the current consumption of bank x in mA.
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.
OVP_Ok	D	Indicates the internal over-voltage-protection of the line-port is ok.
Line_voltage	S	Indicates the voltage at the line-port in V.
Line_current	S	Indicates the current at the line-port in A.

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Line_Power	S	Indicates the power at the line-port in W.
Residual_current	S	Indicates the residual current in A.

PARAMETERS:

ipadress	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 4.1500.11
DEVICE DB USED FOR TESTING:	V 200.7500.001.00
CRES DB USED FOR TESTING:	V 205.0500.004.00
SAMPLE PROGRAM:	Gude Demo 8291 v2.0.smw
REVISION HISTORY:	V 1.0 Initial Release V 2.0 Bugfix Portreset Command