



Manufacturer: Gude Systems GmbH
 Model: Expert PowerControl 8021, 8031, 8041
 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 8021_31_41 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 8021, 8031 and 8041 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
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:	V1.0.6
VENDOR SETUP:	Expert Power Control 8041
CABLE DIAGRAM:	Standard ethernet cable.

©2013 Crestron Electronics, Inc.
 15 Volvo Drive · Rockleigh, NJ 07647
 800.237.2041 / 201.767.3400

<http://application.market.com>

For more information please contact our Crestron Application Market team at applicationmarket@crestron.com. The information contained on this document is privileged and confidential and for use by Crestron Authorized Dealers, CSP Members, A+ Partners and Certified Integrated Partners only. Specifications subject to change without notice.



Manufacturer: Gude Systems GmbH
 Model: Expert PowerControl 8021, 8031, 8041
 Device Type: Power Controller

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.
Fuse_ok	D	Indicates the internal fuse is ok.
Line_Voltage	S	Indicates the voltage at the line-port in V.
Residual_Current	S	Indicates the residual current in A.
Line_Current	S	Indicates the current at the line-port in A.
Line_Frequency	S	Indicates the frequency at the line-port in Hz.
Line_PhaseIU	S	Indicates the phase IU at the line-port in degree.
Line_ActivePower	S	Indicates the active power at the line-port in W.



Manufacturer: Gude Systems GmbH
 Model: Expert PowerControl 8021, 8031, 8041
 Device Type: Power Controller

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 4.11.06
DEVICE DB USED FOR TESTING:	V 200.00.015.00
CRES DB USED FOR TESTING:	V 200.00.004.00
SAMPLE PROGRAM:	Gude Demo 8021_31_41 v3.0.smw
REVISION HISTORY:	V 1.0 Initial Release V 2.0 Add HTTPS-Support and Port-Reset-Command V 3.0 Update for Dababase / NewtonSoft Compatibility