



Manufacturer: Gude Systems GmbH
 Model: Expert PowerControl 8025, 8035, 8045
 Device Type: Power Controller

CONTACT SUPPORT:

COMPANY NAME:	Gude Systems GmbH, Germany
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NOTES:	

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Gude Module 8025_35_45 v4.0.umc
CATEGORY:	Power Controller
VERSION:	4.0
SUMMARY:	The module controls the PDU and IP power strip and relay module of GUDE Expert Power Control 8025, 8035 and 8045 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:	V1.0.6
VENDOR SETUP:	Expert Power Control 8045
CABLE DIAGRAM:	Standard ethernet cable.

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CONTROL:

<u>Signal/Function Name</u>		
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.
Px_voltage	S	Indicates the voltage at the port x in V.
Px_current	S	Indicates the current consumption of port x in A.
Px_power	S	Indicates the power consumption of port x in W.
Px_icurrent	A	Indicates the current consumption of port 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 line overvoltage-protection is ok.
Line_Voltage	S	Indicates the voltage at the line-port in V.
Residual_Current	S	Indicates the residual current in A.



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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 8025_35_45 v4.0.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 V 4.0 Fixes a problem if both external sensors are from the same type