Partner: Crestron
Model: KNX
Device Type: (Logic)

GENERAL INFORMATION:

SIMPLWINDOWS NAME:	"Crestron KNX 4 Bit v3.0"
CATEGORY:	System control
VERSION:	V3.0
SUMMARY:	This macro represents one 4 bit KNX data type.
GENERAL NOTES:	**PLEASE CAREFULLY READ THE KNX GATEWAY MANUAL BEFORE PROGRAMMING.** This macro represents one 1 bit KNX data type. The macro is assigned a gateway ID to link it to a KNX IO module. The KNX IO module defines the Gateway type (CGEIB-IP or CI-KNX) that will be used to communicate with the KNX system. A KNX ID is assigned by filling in the parameter field "ID". Depending on the selected Gateway type on the KNX IO module a different format needs to be used. CI-KNX: The CI-KNX uses Object IDs that can be found in ETS in the parameter section for CI-KNX. I.e. if CI-KNX Object ID 1 added to the same group address as the 1 bit object that switches a light then the ID parameter on this module should contain "1". **The CI-KNX supports up to 250 data type modules connected to one KNX IO module.** CGEIB-IP: The CGEIB-IP uses group address as it is stated in the KNX software. I.e. if your group address is "12/3/255", you copy this exact sequence in the module's "Group Address" parameter. The parameter also allows 2-level group addresses. **The CGEIB-IP supports up to 500 data type modules connected to one KNX IO module.**
CRESTRON HARDWARE REQUIRED:	3-Series processor
SETUP OF CRESTRON HARDWARE:	The demo program was written for a CP3. The CGEIB-IP is controlled via TCP/IP. Port: 10001. The CI-KNX is controlled via TCP/IP. Port: 12004.
VENDOR FIRMWARE:	CGEIB-IP: V7.03 CI-KNX: N/A
VENDOR SETUP:	CGEIB-(IP)/CI-KNX connected to the KNX bus
CABLE DIAGRAM:	Standard ethernet cable.

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CONTROL:

Poll_Value	D	Pulse to retrieve the current state.
Up	D	Pulse to dim up
Down	D	Pulse to dim down

FEEDBACK:

Initialization_is_Complete	D	High to indicate that the module is ready to be used.
Status_Is_Up	D	High when dimming up.
Status_Is_Down	D	High when dimming down.

PARAMETERS:

Gateway ID	Num	This ID should match with one of the Gateway IDs defined on the Crestron KNX IO modules in the program.
ID	S	The KNX data type ID. See general notes.

TESTING:

OPS USED FOR TESTING:	CP3: V. 1.500.0013
SIMPL WINDOWS USED FOR TESTING:	V.4.03.20
CRESTRON DB USED FOR TESTING:	V. 53.05.005.00
DEVICE DB USED FOR TESTING:	V. 69.05.001.00
SAMPLE PROGRAM:	“Crestron KNX v3.0 CP3 Demo”
REVISION HISTORY:	V. 3.0

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