

**Partner: Crestron**  
**Model: CI-KNX**  
**Device Type: (Logic)**

**GENERAL INFORMATION:**

<b>SIMPLWINDOWS NAME:</b>	"Crestron CI-KNX Analog_To_EIS5 v1.6.umc"
<b>CATEGORY:</b>	(Logic)
<b>VERSION:</b>	V1.6
<b>SUMMARY:</b>	This macro contains logic for converting an Analog value to an EIS5 value.
<b>GENERAL NOTES:</b>	<p><b>PLEASE CAREFULLY READ THE CI-KNX MANUAL BEFORE PROGRAMMING.</b></p> <p>This macro contains logic for converting an Analog value to an EIS5 value.</p> <p>The Analog output of this macro should be connected with the analog input "Set_Value" of the "Crestron CI-KNX 2 Byte v1.6" symbol.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	2/3-Series processor with Ethernet card
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>The demo program was written for a PRO2/MC3.</p> <p>The CI-KNX is controlled over TCP/IP.</p>
<b>VENDOR FIRMWARE:</b>	V1.0
<b>VENDOR SETUP:</b>	CI-KNX connected to the KNX bus
<b>CABLE DIAGRAM:</b>	Standard CAT5 cable

**CONTROL:**

<b>Sign_Value</b>	D	Keep high to input a negative value.
<b>Analog_Value</b>	A	Analog value that will be converted to the EIS5 type.

**FEEDBACK:**

<b>EIS5_Analog</b>	A	Analog signal that has to be connected with the analog input "Set_Value" of the "Crestron CI-KNX 2 Byte v1.6" symbol.
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**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2: V. 4.008.0008 MC3: V. 1.009.0029
<b>SIMPL WINDOWS USED FOR TESTING:</b>	V.4.02.48

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CRESTRON DB USED FOR TESTING:	V. 46.00.004.00
DEVICE DB USED FOR TESTING:	V. 57.05.001.00
SAMPLE PROGRAM:	"Crestron CI-KNX v1.6 PRO2 Demo.smw" "Crestron CI-KNX v1.6 MC3 Demo.smw"
REVISION HISTORY:	V. 1.6