Modulename: Analog 32 64 bit Serial Converter
Categorie: Converter

Only for 3-Series Control Systems!

GENERAL INFORMATION:

SIMPLWINDOWS NAME:	Analog 32 64 bit Serial Converter
CATEGORY:	Converter
VERSION:	v1.2
SUMMARY:	This module converts either 2x16bit Analog Values to one 32bit value as Serial Signal or 4x16bit Analog Values to one 64bit value as Serial Signal.
GENERAL NOTES:	This module converts either 2x16bit Analog Values to one 32bit value as Serial Signal or 4x16bit Analog Values to one 64bit value as Serial Signal.
CRESTRON HARDWARE REQUIRED:	-
SETUP OF CRESTRON HARDWARE:	-

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CONTROL:

Convert	D	Pulse to convert the 2 or 4 16bit Analog Values to one 32bit or 64bit Serial Signal.
value[1-4]	A	Convert either with value[1] and value[2] to one 32bit value or with value[1], value[2], value[3] and value[4] to one 64bit value. The value[1] is the lowest 2 bytes and the value[2] or value[4] is the highest 2 bytes.

FEEDBACK:

valuestring	S	Converted 32bit or 64bit value as Serial Feedback.

PARAMETERS:

sign	A	Define here if the result value is signed or unsigned.
fractional_digits	A	Define here how many fractional digits your result has to be.
appendix	S	This String will append to the value, for example for units.

TESTING:

OPS USED FOR TESTING:	MC3: 1.011.0023
SIMPL WINDOWS USED FOR TESTING:	4.0.2
CRESTRON DB USED FOR TESTING:	51.05.007.01
DEVICE DB USED FOR TESTING:	65.05.003.00
SAMPLE PROGRAM:	-
REVISION HISTORY:	**Version 1.1:** Added feature that the module convert the two or four Analaog Values to Serial with a discrete pulse on the Digital Signal "Convert". **Version 1.0:** Analog 32 64 bit Serial Converter v1.0 - Keep Zero at the end