CRESTRON
CERTIFIED **INTEGRATED** PARTNER

Partner:QSC-QSYS
Model:Qsys Cores
Device Type:DSP

GENERAL INFORMATION

SIMPLWINDOWS NAME:	QSYS Control-[Field] V3.0
CATEGORY:	QSYS V3
VERSION:	V3.0
SUMMARY:	This Module is used for controlling a Field component as dictated in the QSYS Designer Software.
GENERAL NOTES:	This Module provides control and feedback of a "Named Control" component in the QSYS Designer software. This module is specifically designed to be used on a Text Field component in the QSYS design, but can be used for other components as well. Example, Router Control. Must use with QSYS Core module. A "Named Control" component must be created in QSYS Designer software.
CRESTRON HARDWARE REQUIRED:	Ethernet Card
SETUP OF CRESTRON HARDWARE:	NA
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	Setup of QSYS Design file, "Named Controls" of desired components for control.

CONTROL:

Initialize_From_Core	D	Pulse to Initialize control to the QSYS Core component. Should not be driven high until QSYS core has successfully initialized. Usually driven from "Initialize_Control_Modules" signal from respective Core module.
[Auto_Poll]	D	[Optional] Hold high to enable automatic polling of desired component [1]
[Input_Value]	A	[Optional] Value for a Text Field component, this signal is mainly used for "Router Input" values, of a router object in the QSYS design.
[String_In]	S	[Optional] String to send to a Text Field component

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[1] Poll – Adds "Named Control" component to QSYS "Poll group" to be polled automatically within QSYS. This has a default poll time of 100ms.

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FEEDBACK:

[Input_Value_FB]	A	Value indicating current integer state of a Text Field component.
[String_Out]	S	String indicating current string of a Text Field component.

PARAMETERS:

Core ID	Dec	Used to Address Core Modules, to Control Modules. This will be the same Core ID given to the Core Module that contains this "Named Control" component.
Named Control	String	String defining the "Named Control" component, defined in QSYS Designer software.

TESTING:

OPS USED FOR TESTING:	v4.001.1012
SIMPL WINDOWS USED FOR TESTING:	4.04.03
DEVICE DB USED FOR TESTING:	78.05.001.00
CRES DB USED FOR TESTING:	58.05.002.00
SYMBOL LIBRARY USED FOR TESTING:	1010
SAMPLE PROGRAM:	QSYS V3 Demo Program
REVISION HISTORY:	v1.0 – Initial Release

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