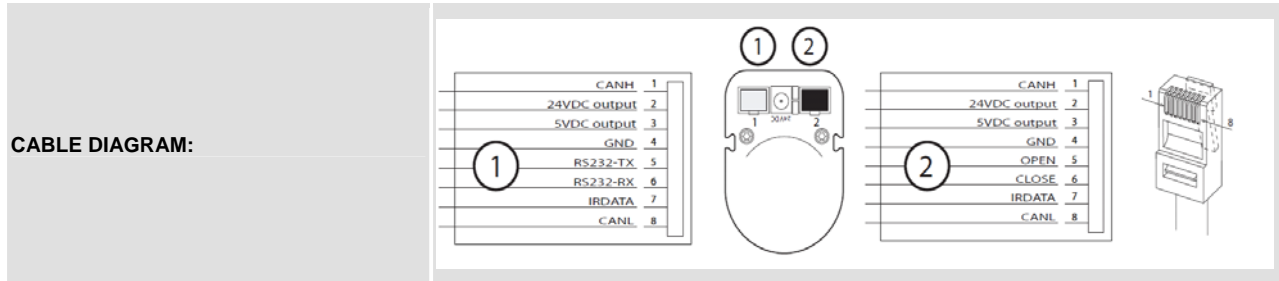


Partner: Goelst  
 Model: G-Rail  
 Device Type: Shades/Drapes



GENERAL INFORMATION:	
<b>SIMPLWINDOWS NAME:</b>	Goelst G-Rail Commands v1.0
<b>CATEGORY:</b>	Shades/Drapes
<b>VERSION:</b>	V1.0
<b>SUMMARY:</b>	This macro allows controlling the G-Rail curtain motors. It is possible to (express) Open/Close and select 5 pre-defined presets.
<b>GENERAL NOTES:</b>	<p>This module allows controlling the G-Rail curtain motors. It is possible to (express) Open/Close and select 5 pre-defined presets.</p> <p>During an emergency the "Emergency_Overwrite" needs to be set. After setting this input all upcoming triggered commands will be send out as an emergency command. The G-Rail system will execute the commands at the highest speed possible. Unset this "Emergency Overwrite" input to trigger the commands in normal mode.</p> <p>The commands will be executed by the matching "User_Address" and "Main_Group" combination.</p> <p>By changing the "User_Address" it is possible to give commands to different G-Rail motor groups. The Main Group is automatically set as "1". In the Future it will be possible to change the Main Group if it is required.</p> <p>This module must be used with the 2 other Goelst G-Rail modules (Motor Status &amp; Communication) in order to be able to use the total functionality of the Goelst G-Rail motor.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	2/3 series Processor and an available COM port.
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 115200 Parity: E Data Bits: 8 Stop Bits: 2
<b>VENDOR FIRMWARE:</b>	Protocol Rev. 1.0
<b>VENDOR SETUP:</b>	Corresponding Crestron COM port to a TTL-Convertor to scale signal voltage from 12V to 5V. Connect the output of the TTL-Converter with the RS-232 connector of the G-Rail motor.

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**CONTROL:**

<b>Emergency_Overwrite</b>	D	High to indicate that the next command that will be sent is an emergency-command. This means that all the motors on the network will listen to this command and will execute this on the highest speed. Low to indicate that the upcoming commands need to be executed in normal mode.
<b>Curtain_Open</b>	D	Pulse to open curtain.
<b>Curtain_Express_Open</b>	D	Pulse to express open curtain.
<b>Curtain_Stop</b>	D	Pulse to stop curtain.
<b>Curtain_Close</b>	D	Pulse to close curtain.
<b>Curtain_Express_Close</b>	D	Pulse to express close curtain.
<b>Select_Preset_1</b>	D	Pulse to go to preset 1.
<b>Select_Preset_2</b>	D	Pulse to go to preset 2.
<b>Select_Preset_3</b>	D	Pulse to go to preset 3.
<b>Select_Preset_4</b>	D	Pulse to go to preset 4.
<b>Select_Preset_5</b>	D	Pulse to go to preset 5;
<b>User_Address</b>	A	Analog signal to indicate which user address you want to control. The range is from 0 to 30.

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**FEEDBACK:**

<b>Command_To_Motor</b>	S	Serial signal that needs to be connected to the "Command_To_Device" serial Input of the "Goelst G-Rail Communication" macro.
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**TESTING:**

<b>OPS USED FOR TESTING:</b>	V4.003.0015
<b>SIMPL WINDOWS USED FOR TESTING:</b>	3.02.14
<b>CRESTRON DB USED FOR TESTING:</b>	28.00.011.00
<b>DEVICE DB USED FOR TESTING:</b>	37.00.008.00
<b>SAMPLE PROGRAM:</b>	Goelst G-Rail v1.0 Demo PRO2.
<b>REVISION HISTORY:</b>	V. 1.0 – Initial Release.