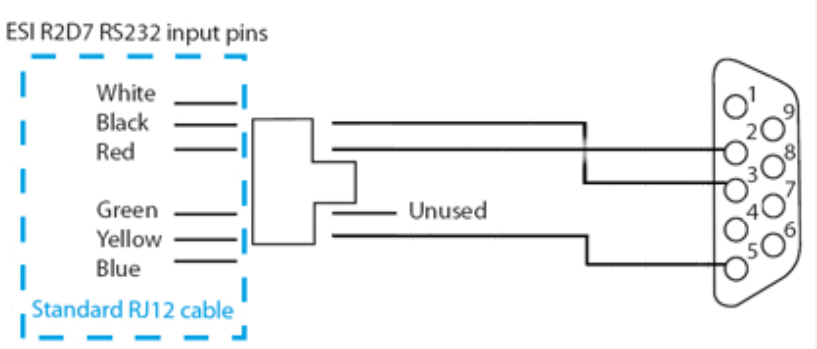


Screenresearch: Any motorized screen

This module can control any motorized screen by Screenresearch



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Screenresearch All Motorized screens.umc
CATEGORY:	Device Interface
VERSION:	V1.0
SUMMARY:	This module can control any motorized screen by Screenresearch
GENERAL NOTES:	<p>The module controls normal motorized screens without masking, motorized screen with masking and the XMask, Cmask series.</p> <p>A normal motorized screen only allows you to put the screen up or down. This is done by the "Top_up" and "Top_Down" digital inputs.</p> <p>A motorized screen with masking is a screen that goes up and down which has masking from the top and sides.</p> <p>The XMask, Cmask series are screens which don't go up and down, but which have masking from the top, bottom and sides.</p> <p>All the movements run until you pulse the "Stop" digital input. So, "Top_up" would make the top mask go up until "Stop" is pulsed.</p>
CRESTRON HARDWARE REQUIRED:	X-series or 2-series processor
SETUP OF CRESTRON HARDWARE:	The demo program was written for a PRO2 with TPS-6000
VENDOR SETUP:	<p>The Screenresearch screens are connected via a cable delivered with the product.</p> <p>Com port settings: 9600, N, 8, 1</p>
CABLE DIAGRAM:	 <p>ESI R2D7 RS232 input pins</p> <p>White Black Red Green Yellow Blue</p> <p>Standard RJ12 cable</p> <p>Unused</p>


CONTROL:

Top_Up	D	Pulse to do the following: Motorized screen: screen goes up Motorized screen with masking: top mask goes up X-Mask and C-Mask: top mask goes up
Top_Down	D	Pulse to do the following: Motorized screen: screen goes down Motorized screen with masking: top mask goes down X-Mask and C-Mask: top mask goes down
Bottom_up	D	Pulse to do the following: Motorized screen: no effect Motorized screen with masking: screen goes up X-Mask and C-Mask: bottom mask goes up (only for screens with masking)
Bottom_Down	D	Pulse to do the following: Motorized screen: no effect Motorized screen with masking: screen goes down X-Mask and C-Mask: bottom mask goes down (only for screens with masking)
Shift_Image_Up	D	Pulse to shift the image up (only for screens with masking)
Shift_Image_Down	D	Pulse to shift the image down (only for screens with masking)
Open_Image	D	Pulse to open the image (only for screens with masking)
Close_Image	D	Pulse to close the image (only for screens with masking)
Sides_Open	D	Pulse to open the sides (only for screens with masking)
Sides_Close	D	Pulse to close the sides (only for screens with masking)



Stop	D	Pulse to stop any movement
Format_2.35	D	Pulse to switch to format 2.35 (only for screens with masking)
Format_1.78	D	Pulse to switch to format 1.78 (only for screens with masking)
Format_1.33	D	Pulse to switch to format 1.33 (only for screens with masking)
User	D	Pulse to switch to the fourth programmable format (only for screens with masking)
Home	D	Pulse to do the following: Motorized screen: Screen goes all the way up in the ceiling Motorized screen with masking: Screen goes all the way up in the ceiling X-Mask and C-Mask: Clears all masks (only for screens with masking)

FEEDBACK:

Tx	S	Connected to the Tx of the com port
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TESTING:

OPS USED FOR TESTING:	V3.155
COMPILER USED FOR TESTING:	V2.07.32
SAMPLE PROGRAM:	Screenresearch Demo Program.smw
REVISION HISTORY:	V1.0 Creation