

# HunterDouglas

## Connection Interface



**PowerRise® 2.0, PowerGlide® 2.0,  
and PowerTilt™ with  
Platinum™ Technology Products**

# HunterDouglas

hunterdouglas.com



© 2010 Hunter Douglas.  
® Registered trademark of Hunter Douglas.  
™ Trademark of Hunter Douglas.

The Connection Interface is the wired link between a Hunter Douglas PowerRise® 2.0, PowerGlide® 2.0, or PowerTilt™ with Platinum™ Technology motorized window covering product and any automation system with available dry contact outputs. It is used for basic control (Open, Close, Tilt, or Traverse) of a Hunter Douglas motorized window covering from a home automation system.

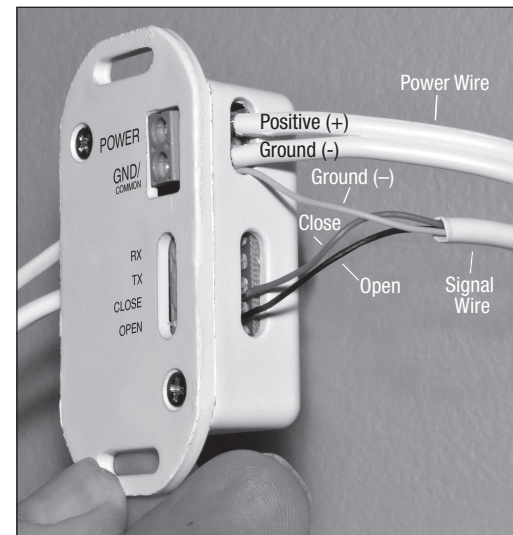
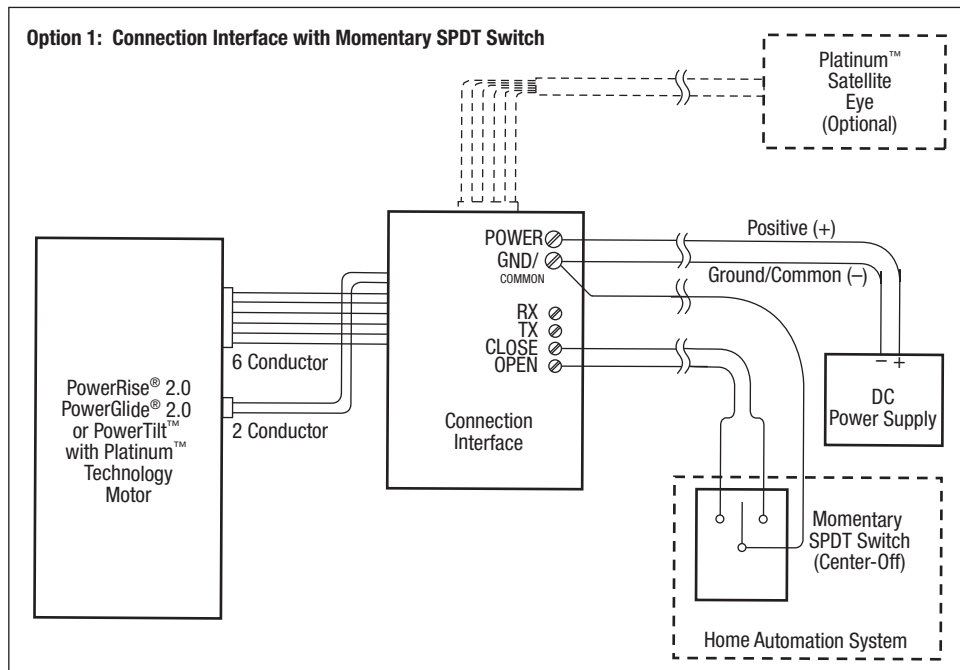
### Product Compatibility

The Connection Interface can be used with the following Hunter Douglas motorized products.

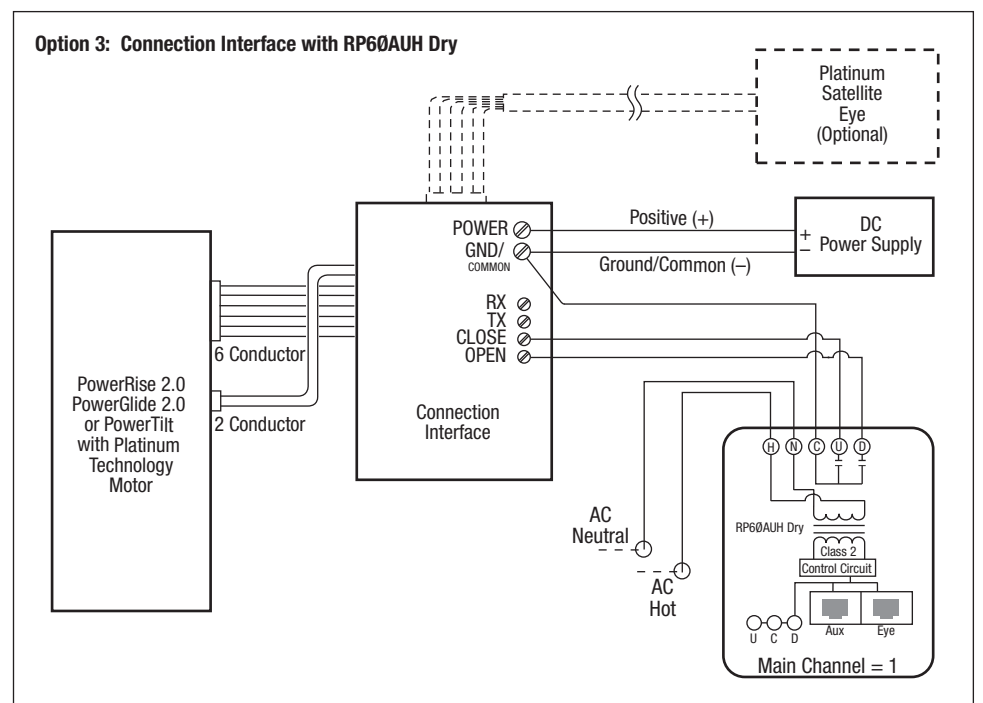
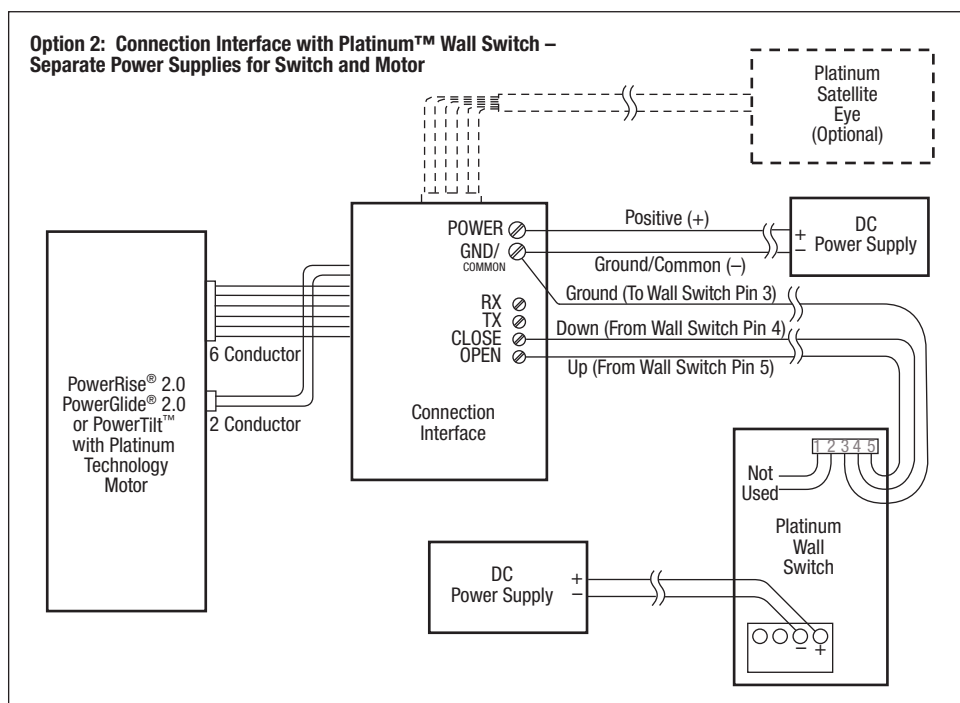
PowerRise 2.0	PowerGlide 2.0	PowerTilt with Platinum Technology
Applause® Honeycomb Shades	Luminette® Modern Draperies	Country Woods® Wood Blinds
Duette® Honeycomb Shades	Luminette Privacy Sheers	EverWood® Collection Alternative Wood Blinds
Nantucket™ Window Shadings	Skyline™ Gliding Window Panels	Modern Precious Metals® Aluminum Blinds
Pirouette® Window Shadings		
Silhouette® Window Shadings		
Vignette® Modern Roman Shades		

### Wiring Diagrams

The following options show how the Connection Interface can be wired into any automation system.



Wiring Example of a Connection Interface



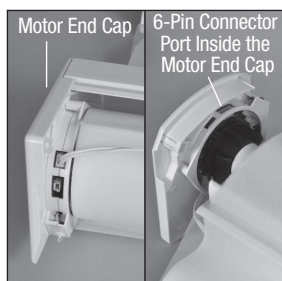
### 6-Pin Port Location on Hunter Douglas Window Coverings



Duette and Applause PowerRise 2.0 Shades



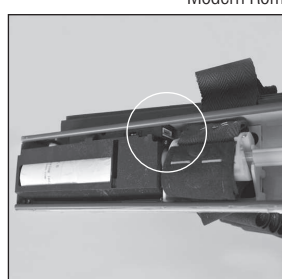
Pirouette PowerRise 2.0 Shadings



Silhouette and Nantucket PowerRise 2.0 Shadings, and Vignette PowerRise 2.0 Modern Roman Shades



Luminette PowerGlide 2.0 Privacy Sheers and Skyline PowerGlide 2.0 Gliding Window Panels

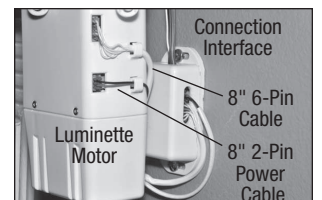


Country Woods, Everwood, and Modern Precious Metals PowerTilt with Platinum Technology Blinds

### Mount the Connection Interface

The Connection Interface can be mounted onto any flat surface.

- Place the Connection Interface close enough so that the 8" cables coming out of the unit can reach the 6-pin and 2-pin connector port on the motor-end of the shade. (Luminette Interface Connection shown.)



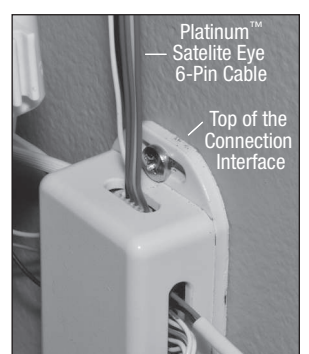
- Fasten the Connection Interface to the mounting surface using the screws provided.

**CAUTION:** Do not screw the Connection Interface directly into the motor housing as it will hamper motor operation or damage the motor.

### Attach the Platinum Satellite Eye (Optional)

In addition to home automation control, operation from a Platinum remote or Platinum Wireless Wall Switch is also possible. For more information about setting up and operating a Hunter Douglas window covering from a Platinum remote or Platinum Wireless Wall Switch, please refer to the instructions provided with each specific device.

- Connect the 6-pin cable from the Platinum Satellite Eye into the 6-pin port on the top of the Connection Interface.
- Attach the satellite eye to a mounting surface.



## Dry Contact Closure Commands

All PowerRise® 2.0, PowerGlide® 2.0, and PowerTilt™ with Platinum™ Technology motorized systems have the ability to be controlled via 2 contact closure pins (Open and Close). Activating these pins (i.e. pulling them 'Low') for a duration of time will cause the motorized window covering to raise, lower, stop, traverse, or tilt.

## Duette®, Applause®, and Vignette® Shades

Definition	Command	Shade Condition	Action	Timing Required
Open or close the shade by briefly making and releasing contact between the signal Ground and the Open or Close signal line.  <b>NOTE:</b> "Open" refers to raising a shade. "Close" refers to lowering a shade.	Close Shade	Open and at rest.	Shade bottom rail lowers to the fully Closed limit position.	Contact between the signal Ground and the Open or Close signal line must be made for at least <b>0.100 of a second</b> , but for no more than <b>1.000 second</b> .
		Already fully Closed.	No movement will occur.	
		Is Opening.	Shade will stop.	
	Open Shade	Closed and at rest.	Shade bottom rail raises to the fully Open limit position.	
		Already fully Open.	No movement will occur.	
		Is Closing.	Shade will stop.	
<b>Express Mode</b> (Vignette® shades only)  Express mode allows a shading to bypass a preset intermediate stop position and/or transition points during travel.			Shade bypasses a preset intermediate stop position and/or transition points during travel.	For <b>Express Mode</b> , contact between the signal Ground and the Open or Close signal line must be made for at least <b>2.000 seconds</b> , but for no more than <b>4.000 seconds</b> .

## Pirouette®, Silhouette®, and Nantucket™ Shadings

Definition	Command	Shading Condition	Action	Timing Required
Open or close the shading by briefly making and releasing contact between the signal Ground and the Open or Close signal line.  <b>NOTE:</b> "Open" refers to raising a shading. "Close" refers to lowering a shading. "Fully Closed" refers to the shading being completely lowered and vanes are in the Open position.	Close Shading	Open and at rest.	Shading bottom rail lowers to the next stopping position (e.g. - preset intermediate position (shade lowered/vanes closed), or fully closed position).	Contact between the signal Ground and the Open or Close signal line must be made for at least <b>0.100 of a second</b> , but for no more than <b>1.000 second</b> .
		Already fully Closed.	No movement will occur.	
		Is Opening.	Shading will stop.	
	Open Shading	Closed and at rest.	Shading bottom rail raises to the next stopping position (e.g. - preset intermediate position (shade lowered/vanes closed), or fully closed position).	
		Already fully Open.	No movement will occur.	
		Is Closing.	Shading will stop.	
<b>Express Mode</b>  Express mode allows a shading to bypass a preset intermediate stop position and/or transition points during travel.			Shading bypasses a preset intermediate stop position and/or transition points during travel.	For <b>Express Mode</b> , contact between the signal Ground and the Open or Close signal line must be made for at least <b>2.000 seconds</b> , but for no more than <b>4.000 seconds</b> .

## Luminette® Sheers, Luminette Modern Draperies, and Skyline™ Panels

Definition	Command	Sheer/Panel Condition	Action	Timing Required
Traverse the sheers/panels by briefly making and releasing contact between the signal Ground and the Open or Close signal line.  <b>NOTE:</b> "Open" refers to the sheers/panels stacked to the side(s). "Closed" refers to the sheers/panels covering the window.	Traverse Close Sheers/Panels	Open and at rest.	Sheers/Panels begin traversing to the closed position and stop at the end limit position.  <b>IMPORTANT:</b> (Luminette® Sheers Only) If contact is maintained continuously between the Ground and Close signal lines, after reaching the full traverse closed limit position, the system enters the <b>Tilt Mode</b> and begins tilting the vanes.	Contact between the signal Ground and the Open or Close signal line must be made for at least <b>0.100 of a second</b> , but for no more than <b>1.000 second</b> .
		Already fully Closed.	No movement will occur.	
		Is Opening.	Sheers/Panels will stop.	
	Traverse Open Sheers/Panels	Closed and at rest.	Sheers/Panels begin traversing to the open position and stop at the fully open limit position.	
		Closed and Tilted (Luminette Sheers Only).	The system first rotates the vanes to the Tilt-Center position, then begins traversing open.	
		Already fully Open.	No movement will occur.	
<b>Tilt Mode</b> (Luminette Privacy Sheers Only)  To tilt the vanes clockwise or counter-clockwise, the sheers must be in the fully Traversed-Closed position.  <b>NOTE:</b> There must be at least a 4-second delay between the end of a Traverse Mode command and the beginning of a Tilt Mode command.	Clockwise Vane Tilt		The amount of tilt is determined by the length of time contact is made between the signal Ground and the Open signal line, and stops at the fully tilted position.	The <b>Tilt Mode</b> is initiated by making contact between the signal Ground and the Open or Close signal line for <b>1.125 seconds</b> or longer.
	Counter-Clockwise Vane Tilt		The amount of tilt is determined by the length of time contact is made between the signal Ground and the Closed signal line, and stops at the fully tilted position.	

## Country Woods®, Everwood®, and Modern Precious Metals® Blinds

Definition	Command	Slat Condition	Action	Timing Required
<b>Tilt Mode</b>  Tilt the slats by briefly making and releasing contact between the signal Ground and the Open or Close signal line.  <b>NOTE:</b> "Open" refers to tilting the slats clockwise. "Close" refers to tilting the slats counter-clockwise.	Clockwise Slat Tilt	In any position and at rest.	The amount of tilt is determined by the length of time contact is made between the signal Ground and the Open signal line, and stops at the fully tilted position.	The <b>Tilt Mode</b> is initiated by making contact between the signal Ground and the Open or Close signal line for <b>1.125 seconds</b> or longer.
	Counter-clockwise Slat Tilt	In any position and at rest.	The amount of tilt is determined by the length of time contact is made between the signal Ground and the Open signal line, and stops at the fully tilted position.	

## Serial Communication (Tx/Rx lines)

The Tx and Rx lines are not currently active. They have been reserved for future implementation.