Module Information:

**Name:** RBI PC Control v1

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**Summary:** This module uses an embedded control cross-point to control all system photocells. It works in tandem with the RBI PC Equipment module.

Inputs/Outputs/Parameters:

Inputs:

|  |  |
| --- | --- |
| equipment\_ID | This value selects a photocell (as designated on the RBI PC Equipment module). |
| raise\_min\_dim\_lvl | Push to raise the minimum dimming level when daylight harvesting. |
| lower\_min\_dim\_lvl | Push to lower the minimum dimming level when daylight harvesting. |
| faster\_response | Push for a faster response to changes from the photocell input when daylight harvesting. |
| slower\_response | Push for a slower response to changes from the photocell input when daylight harvesting. |
| daytime\_calibrate\_darker | Push for more aggressive photocell response when daylight harvesting. |
| daytime\_calibrate\_brighter | Push for less aggressive photocell response when daylight harvesting. |
| dim\_min\_change\_up | Push to make a larger minimum change from the photocell input before module response. |
| dim\_min\_change\_dn | Push to make a smaller minimum change from the photocell input before module response. |
| PC\_enable | Pulse to enable the selected photocell. |
| PC\_disable | Pulse to disable the selected photocell. |

Outputs:

|  |  |
| --- | --- |
| PC\_selected\_p | This output will pulse any time a new Photocell is selected. |
| PC\_name$ | The name of the currently selected Photocell (pulled in from the RBI Zones module). |
| min\_dim\_lvl | The minimum dimming value of the currently selected photocell. |
| response\_time$ | The time it will take for the currently selected photocell to respond to a change in photocell input. |
| sensitivity\_lvl | The sensitivity to photocell input changes of the currently selected photocell. |
| dim\_min\_change | The smallest minimum change of photocell input before the current photocell responds. |
| PC\_enabled\_fb | The currently selected photocell is enabled. |
| PC\_disabled\_fb | The currently selected photocell is disabled. |
| PC\_harvesting\_fb | The currently selected photocell is daylight harvesting. |
| [lol\_value] | The photocell input of the currently selected photocell. |
| [zone\_lvl] | The dimming output of the currently selected photocell. |
| [XPoint\_Connections$] | This optional string indicates which photocell the module is currently connected to. |

Parameters:

|  |  |
| --- | --- |
| control\_id | The control ID to be used for the embedded control crosspoint. |