Module Information:

Name: RBI PC Equip v5b

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Summary: This module uses an embedded control cross-point, as well as an embedded photocell module to control a single photocell. It works in tandem with the RBI PC Equipment module, and the RBI Single Zone Control module.

Inputs/Outputs/Parameters:

Inputs:

sensor_in	The value of this zone's photocell.
temp_raise_level	Pulse to temporarily raise this zone up, if currently harvesting.
temp_lower_level	Pulse to temporarily lower this zone down, if currently harvesting.
recall_auto_level	Pulse to turn this zone and go to its harvested level.
recall_auto_level_response	Pulse to turn this zone and go to its harvested level, using the modules response time.
disable	Pulse to disable daylight harvesting.
disable_and_off	Pulse to disable daylight harvesting and shut the zone off.
harvest_enable	Pulse to enable harvesting.
harvest_disable	Pulse to disable harvesting.
zone_on/off	Pulse to toggle the zone on/off. This input will be ignored if harvest_enable is low.
[keypad_on]	Pulse to turn the zone on. This input will be ignored if harvest_enable is low. This signal name should be the same as [keypad_on] on the single zone control module for this zone.
[keypad_off]	Pulse to turn the zone off. This input will be ignored if harvest_enable is low. This signal name should be the same as [keypad_off] on the single zone control module for this zone.
[keypad_on/off]	Pulse to toggle the zone on/off. This input will be ignored if harvest_enable is low. This signal name should be the same as [keypad_on/off] on the single zone control module for this zone.
[keypad_raise]	Pulse to ramp this zone up. This input will be ignored if harvest_enable is low. This signal name should be the same as [keypad_raise] on the single zone control module for this zone.

[keypad_lower]	Pulse to ramp this zone down. This input will be ignored if harvest_enable is low. This signal name should be the same as [keypad_lower] on the single zone control module for this zone.
room_raise_all	Push to raise this zone along with the rest of the zones in its room. This input will be ignored if harvest_enable is low. This signal name should be the same as room_raise_all on the single zone control module for this zone.
room_lower_all	Push to lower this zone along with the rest of the zones in its room. This input will be ignored if harvest_enable is low. This signal name should be the same as room_lower_all on the single zone control module for this zone.
[fusion_offline_fb]	If using Fusion, this should be tied to the offline device extender of the Fusion EISC.

Outputs:

PC_Name$	The friendly name of this zone, as found in the single zone control XML file. To be used for display on the photocells page of the GUI.
[dali_FB]	Indicates that this is a DALI zone, and the DALI version of the embedded photocell module will be used.
dim_level	This should be tied to the dimming module for this zone.
PC_harvesting_fb	Indicates that this zone is currently harvesting.
[PC_not_harvesting_fb]	Indicates that this zone is not currently harvesting.
[dali_raise_level]	For DALI zones, this should be tied to the group raise digital for this zone.
[dali_lower_level]	For DALI zones, this should be tied to the group lower digital for this zone.
[dali_off]	For DALI zones, this should be tied to the group off digital for this zone.
[dali_dim_level_sampled]	For DALI zones, this should be tied to the group analog level in.
harvest_enable_fb	Indicates that harvesting is enabled for this zone.
[harvest_disable_fb]	Indicates that harvesting has been disabled for this zone.

[lol_level_fusion]	A sampled version of sensor_in that can be sent to Fusion in order to limit the number of updated values that will be stored in Fusion's database.

Parameters:

equip_ID	The crosspoint Equipment ID for this zone.
zone_ID	The ID of this zone in the XML file associated with the single zone control module.
recall_fade_time	The time (in seconds) that it will take for this zone to turn on. (non-DALI only)
ramp_time	The time (in seconds) that it will take for the zone to temporarily raise or lower to it maximum or minimum levels. (non-DALI only)
off_fade_time	The time (in seconds) that it will take for this zone to turn off. (non-DALI only)
dali_sample_rate	The rate used to sample the level for [dali_dim_level_sampled].