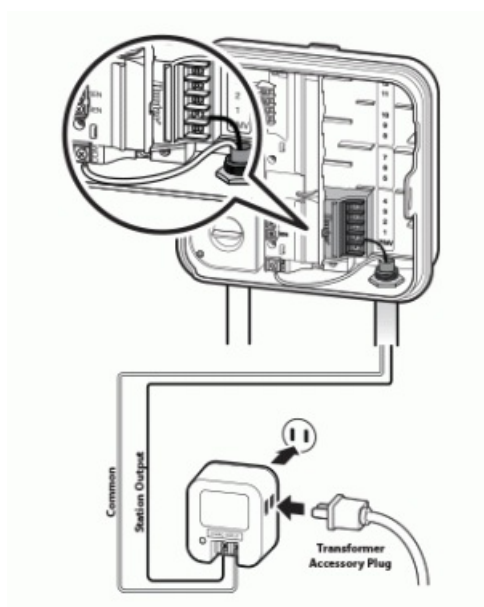# Lightning Transformers with Controllers

Hydrawise controllers are capable of operating lighting transformers equipped with the **PXSYNC** interface box. Commonly used transformers with the PXSYNC are the PX or EX models. We also offer a DX Transformer that can be controlled from an irrigation controller via the 24-volt EXTERNAL connection built inside the controller.

Connect wires from the first **PXSYNC** or external ports inside the **DX** box to a station output number (and the Common) on the Hydrawise controller. See the wiring illustration example below:

NOTE: If the controller is using a Pump or Master Valve, please reference the chart below for important information.

Controller	P/MV Terminal	Output
	If a pump or master valve is in use,	Single station output will operate

HC	the lighting transformer should not be used in conjunction with the irrigation controller.	one at a time. Irrigation must **not** be programmed for the duration of the lighting schedule.
WAND for X2	If using PUMP or master valve, this station output must be set to **OFF** in the programming.	Single station output will operate at a time. Irrigation must **not** be programmed for the duration of the lighting schedule.
PRO-HC	If a pump or master valve is in use, the lighting transformer should not be used in conjunction with the irrigation controller.	Single station output will operate at a time. Irrigation must **not** be programmed for the duration of the lighting schedule.
HPC	If using PUMP or master valve, this station output must be set to **OFF** in the programming.	Single station output will operate at a time. Irrigation must **not** be programmed for the duration of the lighting schedule.
HCC	If using PUMP or master valve, this station output must be set to **OFF** in the programming.	Two station outputs will operate at a time. Any two programs will run simultaneously (lighting program and irrigation program).