

Notes: V1.6 adds GND cable #0114 V1.7 adds cable #0115 &

#0116

TITLE: Power Supplies, PLC Input Card

Drawn By: Kurt J. Foster

See "MIT Licence"

Project Code: PR-01

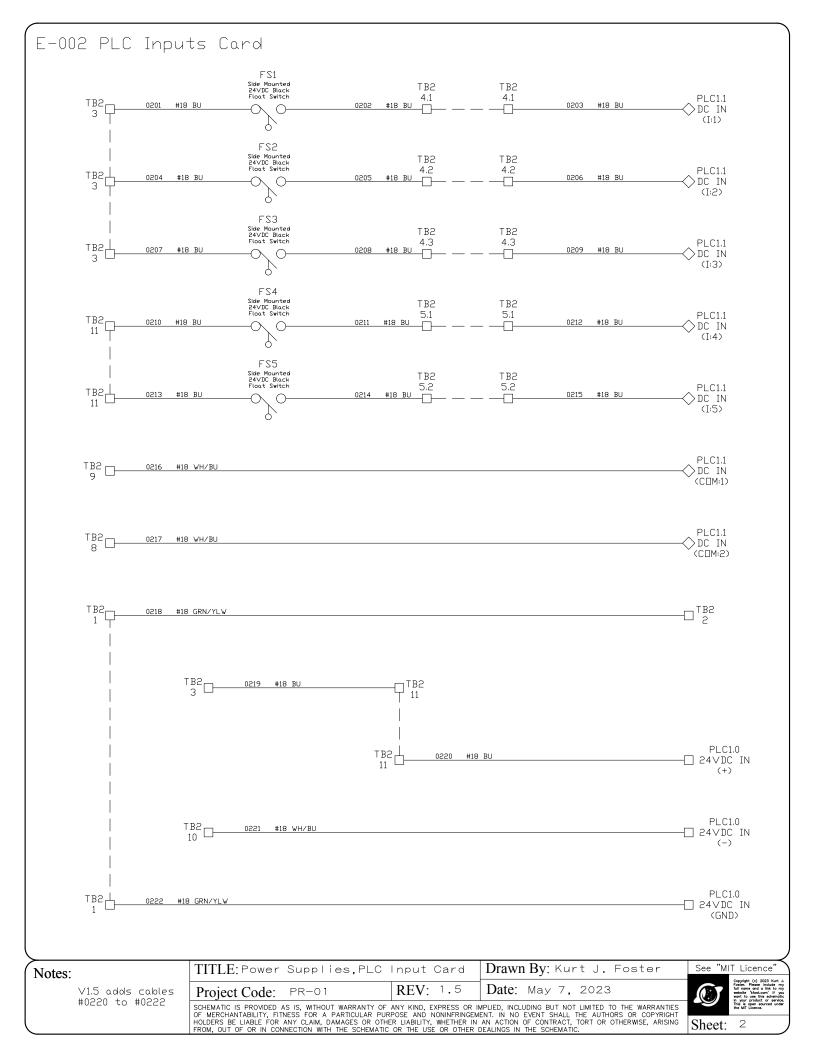
**REV**: 1.7

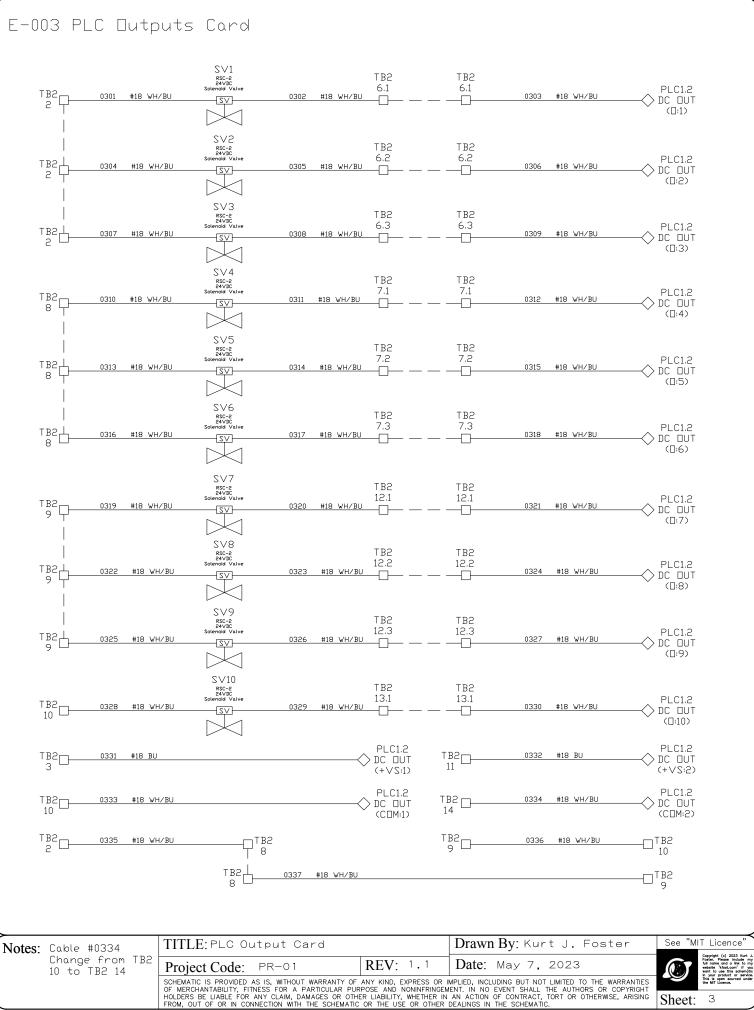
Date: May 7, 2023

Copyright (c) 2023 Kurt Foster, Please Include m full name and a liek to m ebsite kfost.com if yo want to use this schemoti in your product or service the MIT Licence.

Sheet:

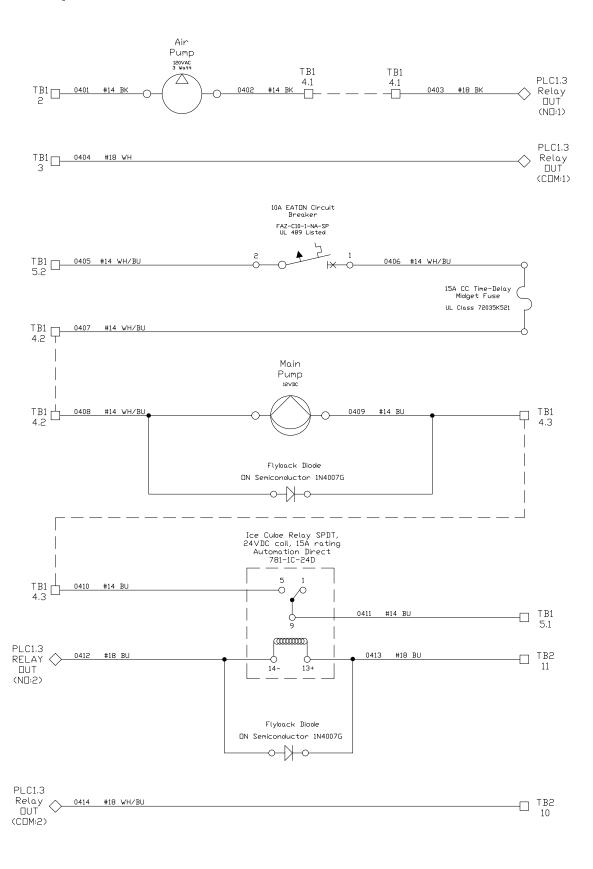
SCHEMATIC IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SCHEMATIC OR THE USE OR OTHER DEALINGS IN THE SCHEMATIC.





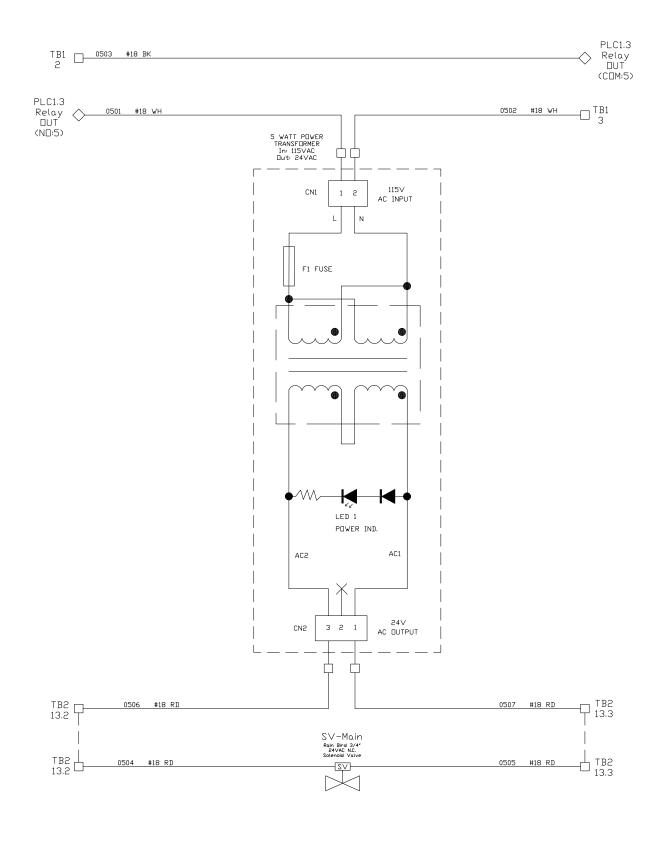
Sheet: 3

## E-004 PLC Relay Card



Notes:	TITLE: PLC Relay, Air & Wat	TITLE: PLC Relay, Air & Water Pump		See "MIT Licence"		
1,000	Project Code: PR-01	REV: 1.0	Date: May 7, 2023	Copyright (c) 2023 Kurt Feeter, Please include in feet enemered a link to in selection from the common of the common selection from the common of the common of the user to use this schemotion in your product or service This is open sourced und the MIT Licence.		
		SCHEMATIC IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT, IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT				
	HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OT FROM, OUT OF OR IN CONNECTION WITH THE SCHEMAT		N AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING DEALINGS IN THE SCHEMATIC.	Sheet: 4		

## E-005 Transformer Wiring Garden Hose Valve at 24VAC (SV11)



Notes:	TITLE: 24VAC Valve Wiring	TITLE: 24VAC Valve Wiring for SV-Main		See "MIT Licence"
	Project Code: PR-01	<b>REV</b> : 1.0	Date: May 7, 2023	Copyright (c) 2023 Kurt d. Foster, Please Include my full name and a link to my website "kfost.com" if you want to use this schematic
			MPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES MENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT	In your product or service. This is open sourced under the MIT Licence.
	HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR FROM. OUT OF OR IN CONNECTION WITH THE SCHEM		AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING DEALINGS IN THE SCHEMATIC.	Sheet: 5

## E-006 pH Measure & Adjust Valves SV11 TB2 TB2 RSC-2 24VDC Solenoid Valve 17.1 17.1 PLC1.2 TB2 0601 #18 WH/BU 0602 #18 WH/BU 0603 #18 WH/BU -[<u>V</u>2]-<sub>14</sub>- 🖵 ⟨ > DC □UT (□:11) SV12 TB2 RSC-2 24VDC Solenoid Valve TB2 17.2 17.2 PLC1.2 TB2 0604 #18 WH/BU 0605 #18 WH/BU 0606 #18 WH/BU <sub>14</sub>- 🗅 -[V2]-----DC DUT (0:12) SV13 TB2 TB2 RSC-2 24VDC Solenoid Valve 17.3 17.3 PLC1.2 TB2 0607 #18 WH/BU -[V2]-0608 #18 WH/BU 0609 #18 WH/BU $-\Box$ DC DUT <sub>14</sub>-D (0:13) SV14 TB2 TB2 RSC-2 12VDC Solenoid Valve PLC1.3 18.1 18.1 TB2 15 7 0610 #18 BU #18 BU #18 BU Relay 0611 0612 -[V2]- $\Box$ -\_UT (N□:3) SV15 TB2 TB2 RSC-2 12VDC Solenoid Valve PLC1.3 18.2 18.2 TB2, 0613 #18 BU 0614 #18 BU 0615 #18 BU Relay -[SV]-15 나 DUT (N□:4) SV16 TB2 TB2 RSC-2 12VDC Solenoid Valve PLC1.3 18.3 18.3 Relay 0616 #18 BU 0617 #18 BU 0618 #18 BU -[SV]-□UT (N□:6) TB2 PLC1.3 Relay 0619 #18 WH/BU DUT (C□M:3) PLC1.3 TB2 0620 #18 WH/BU Relay 16<sup>-</sup> DUT (C□M:4) PLC1.3 TB2 1 16 □ 0621 #18 WH/BU Relay DUT (CDM:6) TB2 10 □ TB2 0622 #18 WH/BU 14

Notes:	TITLE: 24/12VDC Valves fo	TITLE: 24/12VDC Valves for pH		See "MIT Licence"		
	Project Code: PR-01	REV: 1.0	Date: May 7, 2023	Copyright (c) 2023 Kurt J. Foater. Please include my full name and a link to my website: kfost.com' if you won't to use this schematic in your product or service. This is one sourced under		
		SCHEMATIC IS PROVIDED AS IS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT				
		HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SCHEMATIC OR THE USE OR OTHER DEALINGS IN THE SCHEMATIC.				