

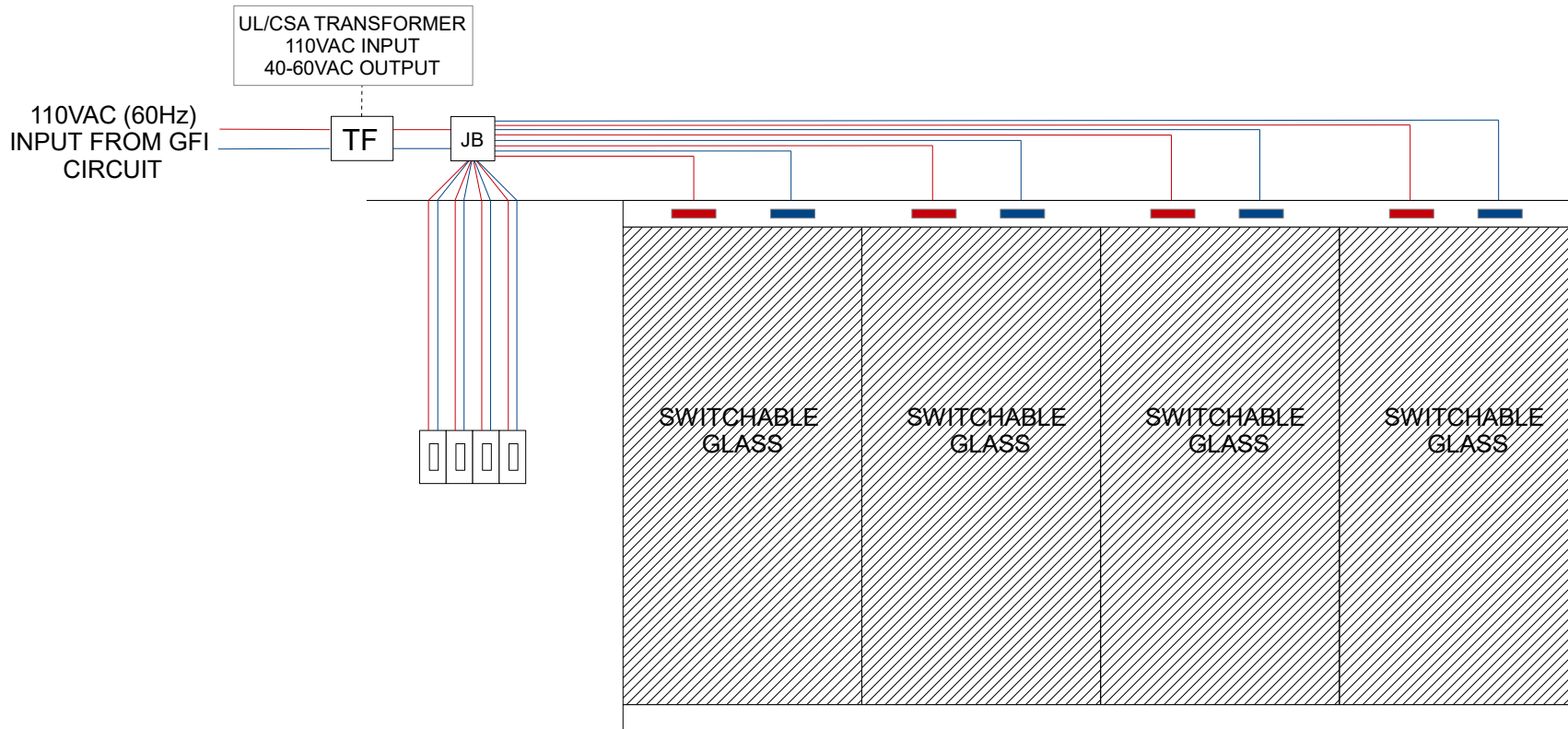
PDLC SWITCHABLE GLASS/FILM ELECTRICAL DETAILS

- A power source of 110VAC, 60 Hz, must be supplied from a GFI circuit. Higher voltages or frequencies may damage the transformer and film irreparably. (GFI required for wet environments only)
 - If installed in a metal frame, frame must be grounded
 - The UL/CSA transformer has an output of 40-60VAC
 - For all swing panel installations, the wiring should be located near the hinge side of the door/window jam. Powered hinges should be installed by a licensed electrician and must conform to the manufacturers instructions.
 - Smart Film requires all electrical installations be completed by a licensed electrician and in compliance with all code requirements under applicable state or local laws as identified by licensed electrician
 - Smart film requires 18/2 stranded wire run to glass panels
 - Transformer(s) should be installed no further than 150' from smart film
 - Transformers are capable of controlling up to 150 square feet of film per transformer
 - Transformers should be installed between the film and the switch. Installing the transformer before the switch may result in a lower lifespan of the transformer
- GFI Circuit only required for wet environment.



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Required for individually controlled windows and Variable controlled switches design.
Variable switch must be purchased through Smart Film inc to meet warranty requirements.



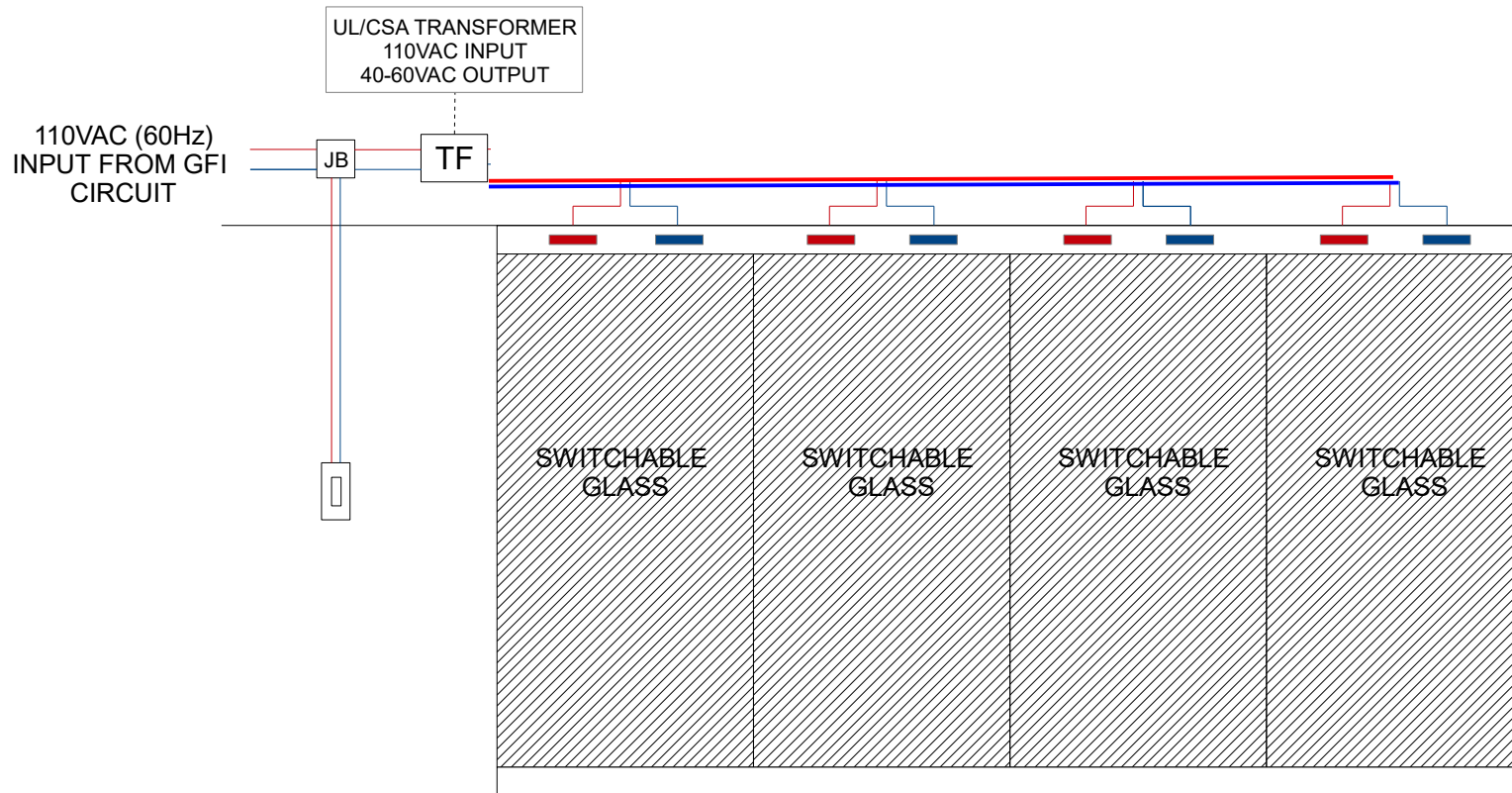
EACH PANEL CONTROLLED INDEPENDENTLY

NOTE: IF GLASS IS INSTALLED IN METAL FRAME, ENSURE METAL FRAME IS GROUNDED

1	TYPICAL WIRING DIAGRAM
1	N.T.S.



Standard wiring schematic



ALL PANELS CONTROLLED SIMULTANEOUSLY

NOTE: IF GLASS IS INSTALLED IN METAL FRAME,
ENSURE METAL FRAME IS GROUNDED

1	TYPICAL WIRING DIAGRAM
1	N.T.S.



