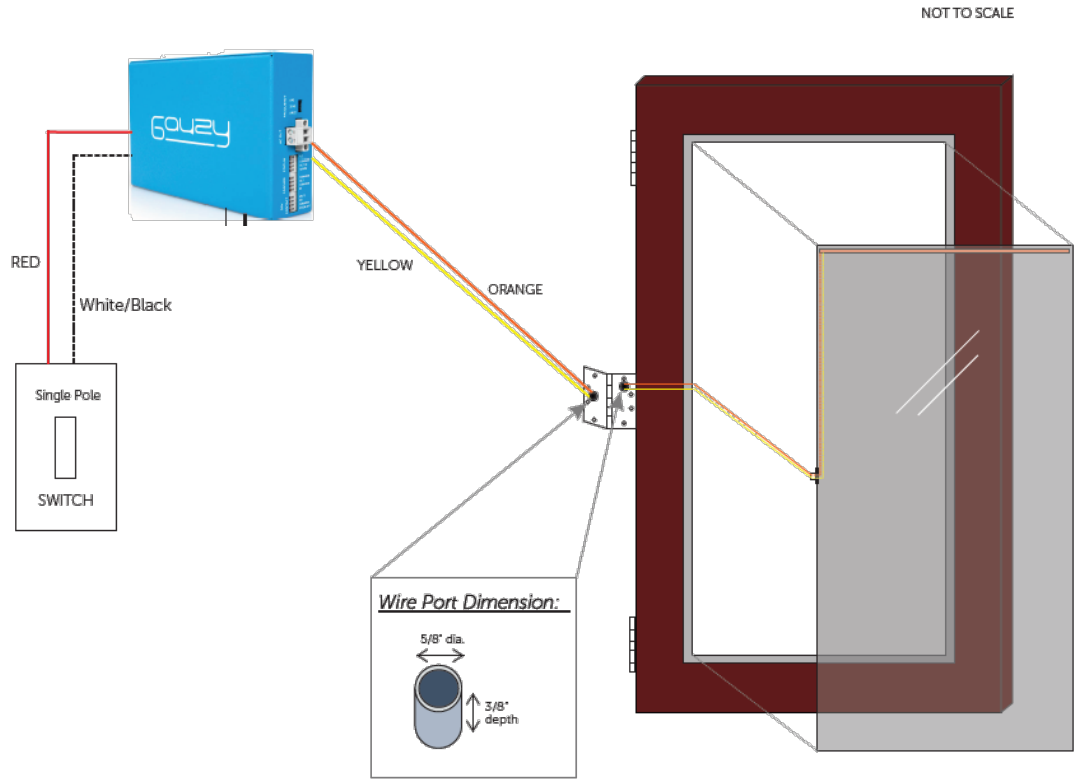
VitroLens Wood Door Electrified Hinge

PRODUCT DATA SHEET

TYPICAL WIRING CONFIGURATION



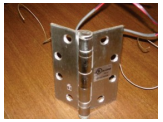
FUNCTION

Provides a continuous 70 VAC connection from VitroLens switchable privacy glass in a wood door, through the hinge-side stile and jamb, to the controller and junction box.

STANDARD FEATURES

- Concealed electrical transfer for hinged wood-door applications
- Traditional 1-3/4 in. wood door slab recommended
- 4-1/2 x 4 in. electrified hinge minimum
- Center non-load-bearing hinge location
- Brushed stainless finish standard
- Other traditional finishes available upon request
- Compatible with VitroLens 70 VAC PDLC controllers

HINGE CONFIGURATION



FACE SIDE



MOUNTING SIDE

INSTALLATION REQUIREMENTS

1. Coordinate hinge mortise and internal wire routing with the door manufacturer before fabrication.
2. Provide an accessible controller and electrical junction box location.
3. Protect conductors from pinching, sharp edges and interference with door hardware.
4. Do not connect the privacy glass directly to building line voltage.
5. Installation must comply with approved shop drawings and applicable electrical and building codes.

DOCUMENT NO.	REVISION	SHEET	SCALE	DATE	WEBSITE
VL-DS-220	A	1 OF 1	NTS	SEP 1, 2026	vitrolens.com