

Asahi Ball Valve Manual Limit Switch / J-Switch™ User Manual



Description

The Asahi/America ball valve manual limit switch / J-Switch™ features a low profile, direct mount, glass-filled polypropylene enclosure that requires no tools for installation. The J-Switch™ features multi-voltage capabilities; 0-180 AC/DC, an NEMA 4X enclosure, and a cable gland with 2M flying leads.

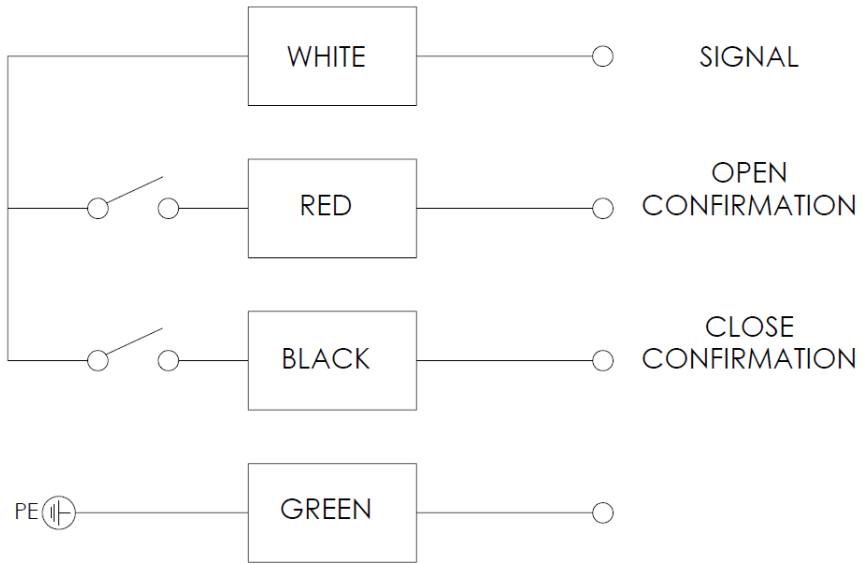
Cover Removal Is NOT Required for Installation

The ball valve manual limit switch / J-Switch™ has a sealed cable gland with 2M flying leads. The electrician is required to make field connections as per the wiring schematic shown in this manual for model numbers and voltages listed above. The electrician is responsible for following all and any, local and/or agency wiring practices.

Compatible Valves

J-Switch™ Size	Valve Size	Valve Type
1/2"	1/2"	Type-21, Type-23 (T-Port and Double-L Port only)
3/4" - 1"	3/4"	Type-21, Type-23 (T-Port and Double-L Port only)
	1"	Type-21, Type-23 (T-Port and Double-L Port only)
1-1/2" - 2"	1-1/4"	Type-23 only (T-Port and Double-L Port only)
	1-1/2"	Type-21, Type-23 (T-Port and Double-L Port only)
	2"	Type-21, Type-23 (T-Port and Double-L Port only)

Asahi Ball Valve Manual Limit Switch / J-Switch™ Only Wiring



Installation Instructions

- 1) Attach housing assembly onto top of valve with housing assembly perpendicular to the valve body.
- 2) Place thrust washer around valve stem.
- 3) Insert stem extension into valve handle by lining up handle tab with slot on top of stem extension. Press together until fully inserted.
- 4) Install stem extension onto valve stem by lining up the stem extension's female socket orientation with the valve stem orientation. Push stem extension down onto valve stem until the bottom of the stem extension is flush with the housing assembly. (If valve is fully open or fully closed, handle lock holes on the stem extension and housing assembly should align.)

