

## Key Features & Operation

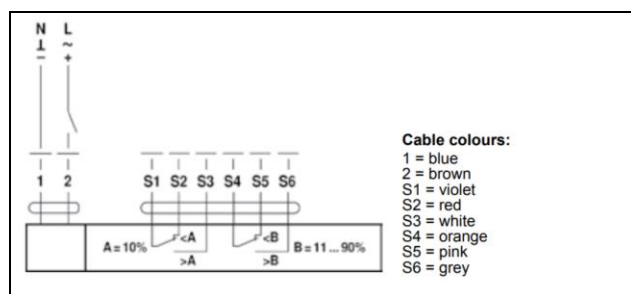
- Cost effective solution for isolation of fuel lines
- Suitable for generators and similar applications
- Universal power module that operates on both AC and DC supply voltages.
- Isolation valve has seals compatible with fuel oil, diesel and bio-diesels
- Securely mounted for engine vibration
- 2 x Auxiliary Switches
- Manual Override

Energising the actuator rotates the butterfly valve to the open position whilst tensioning a mechanical return spring, when de-energised, auxiliary switch activated or upon loss of power the return spring will assist closure for reliable trouble-free operation



- To be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during installation.
  - The cable must not be removed from the device.
  - The device contains electrical and electronic components do not dispose of as household refuse.
- All local regulations and requirements must be observed.

## Electrical Wiring



## Technical Specification

**Nominal Voltage:** AC 24...240V, 50/60Hz / DC 24...125V

**Nominal Voltage Range:** AC 19.2...264V / DC 21.6...137.5V

**Valve Design Pressure:** 16 Bar

**Process Connection:** Lugged PN16

**Body, Disc & Stem Material:** EN GJS 400 – 15 Ductile Iron, CF8M Stainless Steel, AISI 420 Stainless Steel

**O rings:** Viton

**Liner:** NBR

**Power Consumption:** -

In operation: 7W @ nominal torque

At rest: 3.5W

For wire sizing: 18VA

Auxiliary switch: 2 x SPDT, 1 x 10% / 1 x 11...90%

**Electrical Connection:** -

Motor Cable 1m, 2 x 0.75mm<sup>2</sup>

Auxiliary switch Cable 1m, 6 x 0.75mm<sup>2</sup>

**Manual Override:** Hand crank and interlocking switch

**Rotation:** Actuator can be mounted in 90° Increments

**Sound Power Level**

Motor ≤45dB(A)

Spring return ≤62dB(A)

**Position Indication:** Mechanical

**Degree of Protection / Compliance:** IP54, NEMA 2, UL

Enclosure Type 2 EMC Low-voltage directive CE according

to 2004/108/EC CE according to 2006/95/EC

Certified to IEC/EN 60730-1 and IEC/EN 60730- 2-14 Mode of operation Type 1.AA. B

**Rated Impulse Voltage** Actuator Auxiliary switch 4kV 2.5kV

Control pollution degree 3

**Working Ambient Temperature:** -20...+50°C

**Ambient Humidity:** 95% r.h., non-condensating

**Maintenance:** Maintenance-free