

Accord Controls  
A Unit of Flowserve Corporation  
www.accord-controls.com

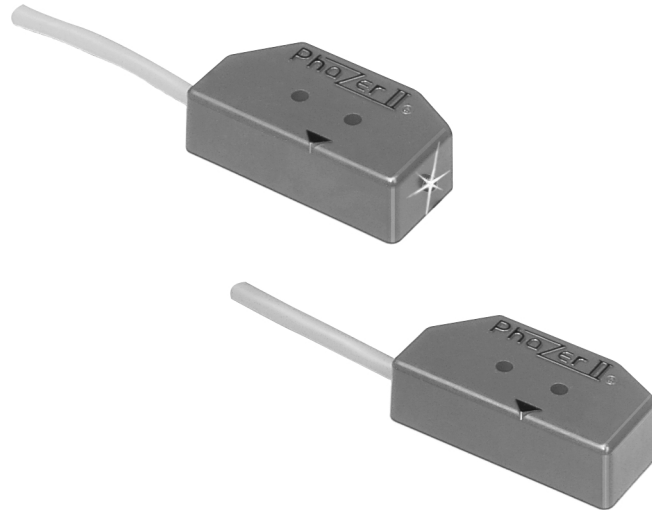
765 South 100 East  
Provo, Utah 84606  
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## UltraSwitch™ Phazer II™ Switch Options

### Introduction:

Accord Phazer II™ switches are premium reed-type proximity switches. They feature solid hermetically-sealed Tungsten contacts for long life under high loads and corrosive atmospheres. These switches are tripped by magnets embedded in cams to indicate valve open and closed positions. Tool-free cam adjustment is accomplished through a spring-loaded spline arrangement. Simply push or pull the cam, disengaging the splines, and rotate to desired switch trip point. After releasing, the spring causes automatic spline engagement, locking the setting.



### Applications:

Phazer II™ switches are suitable for moderate and high power AC and DC circuits generally between 50 mA and 3 amps. They may be used on either resistive or inductive loads. The switches' hermetically sealed contacts make them acceptable for Class 1, Groups A, B, C and D, Division 2 hazardous locations in non-explosion-proof enclosures such as our **APL**, **APC** and **AGL** series.

Phazers are available with LED's which light upon switch tripping to visually indicate completed circuits. LED circuitry is sealed inside the switch housing for corrosion resistance.

Up to four SPDT contacts may be supplied in **AXL**, **APL** or **APC** enclosures (only two contacts are available in **AGL**).

### Features:

1. Hermetically sealed contacts for long life in corrosive atmospheres.
2. Solid Tungsten contact construction resists breakdown under high loads.
3. Each Phazer II™ is individually adjustable inside our enclosures to maximize magnetic force sensitivity.

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### Specifications:

**Type P - (2) SPDT and**

**Type H - (4) SPDT**

*(Note: Type H not available in GL)*

Manufacturer: Accord

Load Capacity:

3 amp 120 VAC, 2 amp 24 VDC,  
100 Watt Max. Contact Rating

Actuated by magnetic force

Mechanical life: 10,000,000 cycles

Operating Time: 3.0 mSec.

**Type L - (2) SPDT w/LED and**

**Type M - (4) SPDT w/LED**

*(Note: Type M not available in GL)*

Manufacturer: Accord

Load Capacity:

0.5 amp 120 VAC, 0.3 amp 24 VDC,  
100 Watt Max. Contact Rating

*50 mA minimum current for LED function*

Voltage Drop: 2.5 V max.

Actuated by magnetic force

Mechanical life: 10,000,000 cycles

Operating Time: 3.0 mSec.

### How to order:

All UltraSwitch™ figure numbers include a meaningful character for switch options. Referring to the table of contents page, simply specify the appropriate character for the desired switch type.

Example: AXL2P000 = UltraSwitch™ Explosion Proof enclosure with (2) Type P SPDT Phazer II™ hermetically sealed switches.