

FIBER OPTIC SWITCH



SIGMA
RESEARCH INC.

SPARK FREE!

FiberSwitch™



Simple Apparatus:

AEx op is I Ma (Mining)

AEx op is IIC T6 Ga (Gas)

AEx op is IIIC T60°C Da (Dust)

NEC 500, 505, 506 (CEC):

Class I, II, III, Div.1, 2 (Zone 0, 20)

Group A, B, C, D, E, F, G

Temp. Code T6

FEATURES

- Absolutely safe for installation in hazardous areas.
- Immune to EMI/RFI and high voltage power lines.
- Allows for multiple fiber optic switches to be daisy chained.
- Optical signal eliminates electrocution and fire hazard.
- Low overall installation cost as fiber optic cable is less costly than copper cable.
- Can be installed up to 2.5Km away from devices it controls.
- Unique fail safe feature that opens its NC contacts if the fiber optic contact block comes off the operator.

US Patent: 7,786,428

Canada Patent: CA 2,614,920

Multiple Operators

Enclosure Installation

Stackable CBs



30 & 22mm



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Up to 3

SPECIFICATIONS

- **Max. Distance:** 2.5Km@850nm, 7Km@1310nm
- **Attenuation:** < 4dB
- **Wavelength:** 850nm, 1310nm
- **Fiber Type:** Multimode 62.5/125µm, FC Connector
- **Optic Contact Types:** NO, NC, NO Early Make, NC Late Break
- **Temperature Range:** -25°C - (+60°C)

Used In Conjunction With The (FOI) Fiber Optic Interface

