

## AFU, AFUX Conveyor Control Switches

Pull Cord Type, Left or Right Hand, Single or Double End.

### Description

Left or Right	No. of Two Circuit Double Break Micro Switches	Location Type		Crouse-Hinds Cross Over Location Type	
		Ordinary	Hazardous	Ordinary	Hazardous
<b>15 Pound Pull Force- Single End</b>					
Left	1	AFU0333-10	AFUX0333-10	AFU0333-10	AFUX0333-10
Right	1	AFU0333-01	AFUX0333-01	AFU0333-01	AFUX0333-01
Left	2	AFU0333-50	AFUX0333-50	AFU0333-50	AFUX0333-50
Right	2	AFU0333-05	AFUX0333-05	AFU0333-05	AFUX0333-05

### 15 Pound Pull Force- Double End

Double End	1, each end	AFU0333-11	AFUX0333-11	AFU0333-11	AFUX0333-11
Double End	2, each end	AFU0333-55	AFUX0333-55	AFU0333-55	AFUX0333-55

### 25 Pound Pull Force- Single End

Left	1	AFU0333-20	AFUX0333-20	AFU0333-20	AFUX0333-20
Right	1	AFU0333-02	AFUX0333-02	AFU0333-02	AFUX0333-02
Left	2	AFU0333-60	AFUX0333-60	AFU0333-60	AFUX0333-60
Right	2	AFU0333-06	AFUX0333-06	AFU0333-06	AFUX0333-06

### 25 Pound Pull Force- Double End

Double End	1, each end	AFU0333-22	AFUX0333-22	AFU0333-22	AFUX0333-22
Double End	2, each end	AFU0333-66	AFUX0333-66	AFU0333-66	AFUX0333-66

Left or Right	No. of Single Pole, Double Throw Micro Switches	Location Type		Crouse-Hinds Cross Over Location Type	
		Ordinary	Hazardous	Ordinary	Hazardous

### 15 Pound Pull Force- Single End

Left	1	AFU0333-30	AFUX0333-30	Not Offered	Not Offered
Right	1	AFU0333-03	AFUX0333-03	Not Offered	Not Offered
Left	2	AFU0333-70	AFUX0333-70	Not Offered	Not Offered
Right	2	AFU0333-07	AFUX0333-07	Not Offered	Not Offered

### 15 Pound Pull Force- Double End

Double End	1, each end	AFU0333-33	AFUX0333-33	Not Offered	Not Offered
Double End	2, each end	AFU0333-77	AFUX0333-77	Not Offered	Not Offered

### 25 Pound Pull Force- Single End

Left	1	AFU0333-40	AFUX0333-40	Not Offered	Not Offered
Right	1	AFU0333-04	AFUX0333-04	Not Offered	Not Offered
Left	2	AFU0333-80	AFUX0333-80	Not Offered	Not Offered
Right	2	AFU0333-08	AFUX0333-08	Not Offered	Not Offered

### 25 Pound Pull Force- Double End

Double End	1, each end	AFU0333-44	AFUX0333-44	Not Offered	Not Offered
Double End	2, each end	AFU0333-88	AFUX0333-88	Not Offered	Not Offered

**Class I\*, Div. 1 and 2;  
Groups C,D  
Class II\*, Div. 1 and 2;  
Groups E,F,G  
Class III\***  
**NEMA 3†, 4†, 4X†,  
7\*CD, 9\*EFG**

\*AFUX Series, †AFU Series

## Applications

- Emergency stop or normal stop switch for conveyor lines, cranes, unloaders and bulk handling systems.
- Where alarm or computer interface capabilities are needed.
- Used in the control circuit of magnetic motor starters to shut down motor-driven conveyors or other machinery.
- For use in steel mills, mining ore and coal handling operations; automotive and other assembly lines; warehouses, loading docks and other industrial processes.
- AFUX Series is used in Class I and II areas where flammable vapors or highly combustible dusts are present.
- AFU Series has a gasketed cover rated for NEMA 3, 3R, 4, 4X.

## Features

- Rugged Torsion Spring for positive actuation of Flag Arm.
- Unit is easily changed in the field from left to right or right to left ("left side" means actuator and flag are on the left side of the enclosure when reading the nameplate).
- Stainless steel bushing may be easily reversed to increase or decrease actuation force (15 or 25 lbs.)
- Maximum distance between switches should not exceed 200 feet.
- Available with two switch types:
  - A) Two circuit double break switch is rated 15 Amp, 120, 240, 480, 600 VAC, 0.5 HP 120 VAC, 1 HP 240 VAC, 0.8A 115 VDC, 0.4A 230 VDC.
  - B) Single pole/double throw switch is rated 20 Amp, 125, 250, 480VAC, 10 Amp 125 VAC "L" tungsten lamp load, 1 HP 125 VAC, 2 HP 250 VAC, 0.5 A 125 VDC, 0.25 A 250 VDC.
- Two 1" conduit openings (top and bottom).
- Same mounting dimensions as Crouse-Hinds' unit.

## Standard Materials

- Cast aluminum housing also available with corrosion resistant epoxy powder coating.
- Flag arm is steel with red epoxy paint; stainless steel on NEMA 4X units.
- Stainless steel actuator shaft, retaining ring, and clevis loop.

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## Options

- When using in dimly lit applications, add suffix "-L" for red warning light (uses top conduit opening).
- To order NEMA 4X epoxy powder coated switches with stainless steel flag arms and torsion springs available on AFU series only, add suffix "-N4".
- Cast iron enclosure available, consult factory.

## Standard Finishes

- Standard enclosure is peened; epoxy powder coat optional.

## Accessories

- AFUTSL, AFUTSR: Replacement torsion springs- left, right.
- PLG100-S: Conduit plug.
- AFUMB: Pull-cord switch mounting bracket.

## Compliances

- UL Listed: Files #E164877, #E10449.
- CSA Certified.