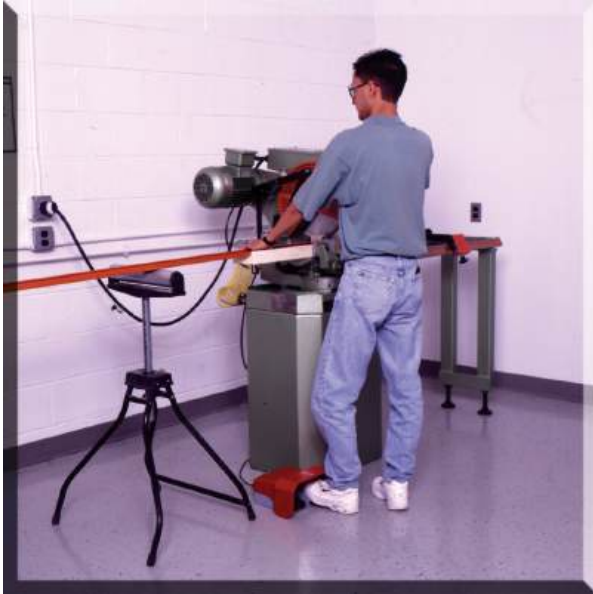




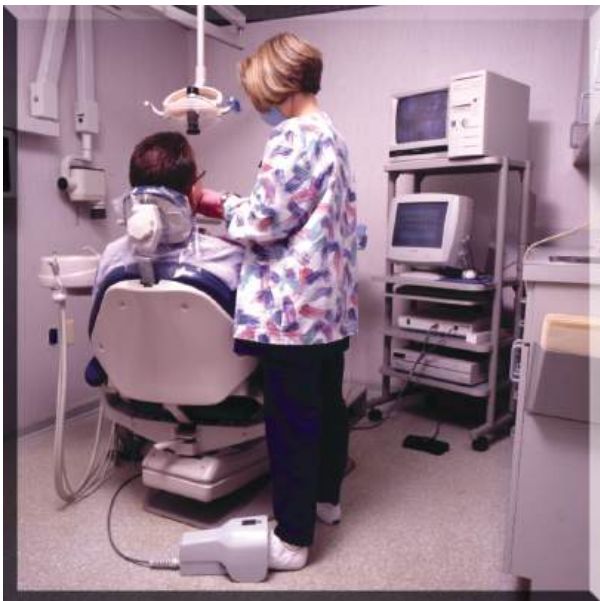
# FS SERIES

*Heavy Duty;  
with aluminum cover*



The heavy duty, medium size FS series foot switches are primarily used in industrial and medical applications. Due to the sturdy design of the die cast aluminum housing, the foot switch is an exceptional value for strict environments. This compact design offers a lot of versatility:

- Every combination of slow make-break and snap action switch inserts with momentary, maintained and two stage momentary contact types are possible. Different potentiometer values are also available.
- Additional safety features like a foot guard, Anti-Trip lever and especially two safety foot switch versions complete this line.
- The optional medical versions and explosion protected foot switches meet the requirements of either IEC 601-1 or EEX d ||C T6, and come with appropriate strain relief and 3 meter (10 ft.) cable.
- The foot switch can be customized with a wide range of options, including cables, connectors, colors, and foot rests.



The typical industrial applications include:

- ironing machines
- construction machinery
- sand blasting machines
- bending machines
- machine tools
- medical equipment

 **Warning**

Please see page 25 in reference to the warning that applies to every application.



## FS2...U

Heavy duty medium size,  
three pedal foot switch with guard

### Standard Features

- Housing: Die cast aluminum body and Polyamide 6.6 pedals
- Guard: Die cast aluminum  
Colors: Gray body, red guard and black pedals  
Anti-Trip: Die cast aluminum pedal and lever in gray (available on some models)
- Protection Level: IP 65
- Switch Insert: Snap action or slow make-break  
Silver alloy contact material  
Electrical Rating: 10A/400V AC (If used with appropriate cable, see cable chart on page 29)  
Contact Types: Momentary, maintained, or two stage momentary  
Circuit: SPDT-DB; DPDT-DB
- Cable Entry: Three threaded holes (PG 13.5)
- Temperature Range: -30°C up to +80°C (-22°F up to +176°F)



### Ordering Information

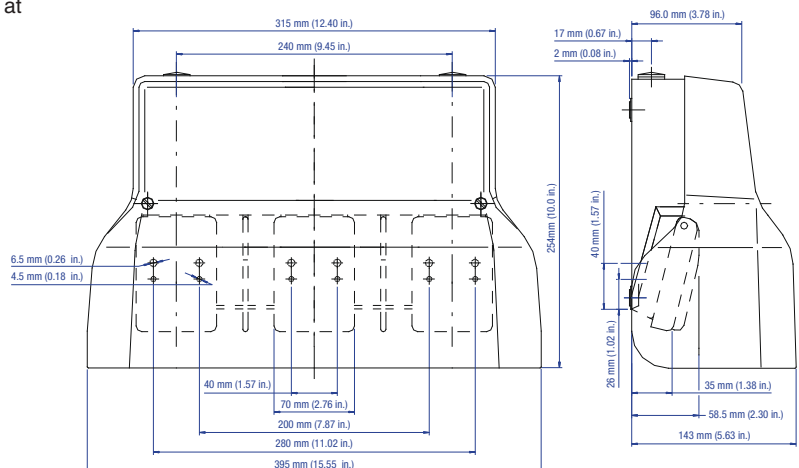
Type	Catalog No.	Circuit Function	Electrical Ratings	Switch/Contact Type	Anti-Trip	Cable Screw Terminals	Protection Level
<b>FS3 ... U - with Foot Guard</b>							
FS3 U1 (3x) U	51.351	<input type="checkbox"/> SPDT-DB	10A/500V AC	Slow make-break, Momentary		X	IP 65
FS3 U1R (3x) U	51.352	<input type="checkbox"/> SPDT-DB	10A/500V AC	Slow make-break, Maintained		X	IP 65
FS3 U1S (3xs) U	51.353	<input type="checkbox"/> SPDT-DB	10A/500V AC	Slow make-break	X	X	IP 65
FS3 U1RS (3x) U	51.354	<input type="checkbox"/> SPDT-DB	10A/500V AC	Slow make-break, Maintained	X	X	IP 65
FS3 SU1 (3x) U	51.355	<input type="checkbox"/> SPDT-DB	10A/500V AC	Snap Action, Momentary		X	IP 65
FS3 SU1R (3x) U	51.356	<input type="checkbox"/> SPDT-DB	10A/500V AC	Snap Action, Maintained		X	IP 65
FS3 SU1S (3x) U	51.357	<input type="checkbox"/> SPDT-DB	10A/500V AC	Snap Action	X	X	IP 65
FS3 SU1RS (3x) U	51.358	<input type="checkbox"/> SPDT-DB	10A/500V AC	Snap Action, Maintained	X	X	IP 65
FS3 U2 (3x) U	51.359	<input type="checkbox"/> DPDT-DB	10A/500V AC	Slow make-break, Momentary*		X	IP 65
FS3 U1DU1 (3x) U	51.360	<input type="checkbox"/> 2x SPDT-DB	10A/500V AC	Slow make-break, Two Stage Momentary		X	IP 65
FS3 U2S (3x) U	51.361	<input type="checkbox"/> DPDT-DB	10A/500V AC	Slow make-break, Momentary*	X	X	IP 65
FS3 U1DU1S (3x) U	51.362	<input type="checkbox"/> 2x SPDT-DB	10A/500V AC	Slow make-break, Two Stage Momentary	X	X	IP 65
FS3 SU2 (3x) U	51.363	<input type="checkbox"/> DPDT-DB	10A/500V AC	Snap Action, Momentary*		X	IP 65
FS3 SU1DSU1 (3x) U	51.364	<input type="checkbox"/> 2x SPDT-DB	10A/500V AC	Snap Action, Two Stage Momentary		X	IP 65
FS3 SU2S (3x) U	51.365	<input type="checkbox"/> DPDT-DB	10A/500V AC	Snap Action, Momentary*	X	X	IP 65
FS3 SU1DSU1S (3x) U	51.366	<input type="checkbox"/> 2x SPDT-DB	10A/500V AC	Snap Action, Two Stage Momentary	X	X	IP 65

Gray body, red cover and black (Anti-Trip: gray) pedal

### Options

- Switch Insert: - Gold plated contacts for low current applications  
Electrical Rating: Max. Power Consumption: 12.5mW at max. 25mA or max. 25V DC
- Strain Relief: - Standard straight-through (IP 68)  
- Bend protection (IP 68)  
- Trumpet Pull/Bend protection (IP 68)
- Cable: - Multi conductor, PVC, SJT  
- Multi conductor, PVC, SJT, shielded  
- Per customer specifications
- Connectors: - Per customer specifications
- IEC 601-1 certified
- Die cast aluminum pedal
- Potentiometer available upon request
- Custom colors available upon request
- Combination of different switch inserts

### Dimensions



\* Maintained contacts available upon request