

FS-83-W Series Medical Foot Switches (IPX8)

Features

- Aluminum alloy die cast base
- Galvanically separated contacts (for -SP, -SL)
- Positive opening of NC contacts (for -SP, -SL)
- UL/CSA/CE/CCC certified
- IEC60601 certification issued by TÜV for medical applications
- Custom color/wiring available

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC or 10A/15A 250VAC
Inrush Current	Complies with IEC947-5-1: AC15/DC13
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	1 x10 ⁶ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8(NEMA 4, 4X, 6, 6P)

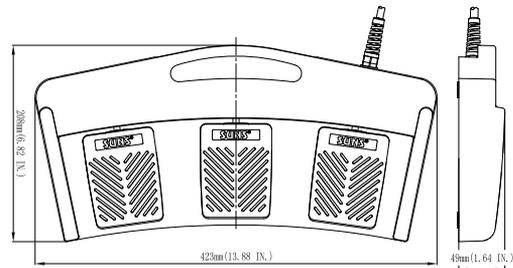
Selection Guide:

FS-83 - SP - W - T - M - B1 - 8 - F - 20/4S - Partition						
Switch Type	Contact Type	Pedal Material	Options	Cable Length	Additional Wiring Information	Partition
<ul style="list-style-type: none"> SP: 10A snap action (IPx8) SL: 10A slow action (IPx8) 	<ul style="list-style-type: none"> Blank: SPDT T: DPDT (2NO/2NC) S: DPDT (2-stage) 	<ul style="list-style-type: none"> Blank: Fiber reinforced plastic M: Die cast aluminum 	<ul style="list-style-type: none"> B: No Button B1: Button in middle B2: 2 Buttons on left and right B3: 3 Buttons 		<ul style="list-style-type: none"> Blank: 20AWGx4 Shielded Meter(s) F: Foot/Feet 	<ul style="list-style-type: none"> Blank: No Partition P: With partition between pedals

* Standard pedal color: Black

Dimensions:

- FS-83-SP-W-2-20/4S (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
- FS-83-SP-W-2-22/5S (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)
- FS-83-SP-W-B1-2-22/5S (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
- FS-83-SP-W-B2-26/7 (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)



- FS-83-SP-W-2-20/4S(P) (20AWGx4, shielded, 2 meters, 3x 1NO, cable diameter 7.0mm)
- FS-83-SP-W-2-22/5S(P) (22AWGx5, shielded, 2 meters, 3x 1NO, cable diameter 5.6mm)
- FS-83-SP-W-B1-2-22/5S(P) (22AWGx5, shielded, 2 meters, 4x 1NO, cable diameter 5.6mm)
- FS-83-SP-W-B2-26/7(P) (26AWGx7, PUR, coiled, 5x 1NO, cable diameter 5.3mm)

