

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)
- Comply with IEC60601-1 and YY1057 standards
- Wire and connector can be connected according to customer's requirements
- USB optional available
- Multiple Pedal colors available
- Wireless model is optional, only applicable with base

Specifications

Operating Frequency	60 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial)
Rated Current/Voltage	Ith: 10A Ui: 300V AC UL Rating: A300/AC15 IEC60601-1: 5A/25VAC
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	Mechanically 1 x 10 ⁶ (operations) Electrically 1 x 10 ⁵ (operations)
Operating Temperature	-30~+80°C (-22~176°F)
Degree of Protection	IPX8

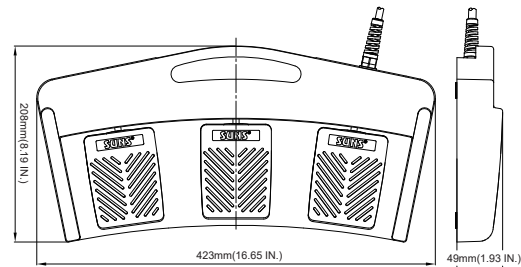
Selection Guide:

FS-83-SP		-	W - T		-	M - B1		-	H - 8		F - 20/4S	-	(P)
Switch Type			Base Material			Pedal Material			Options		Cable Length		Additional Wiring Information 20AWGx4 Shielded
SP: 10A snap action (IPx8) SL: 10A slow action (IPx8)			Blank: SPDT T: DPDT (2NO/2NC) S: DPDT (2-stage)			Blank: Fiber reinforced plastic M: Die cast aluminum			Blank: No Button B1: Button in middle B2: 2 Buttons on left and right B3: 3 Buttons		Blank: No Handle H: With Handle		Blank: Meter(s) F: Foot/Feet
W: Alloy base WP: Fiber reinforced plastics											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-B2-2-20/6S (20AWGx6, shielded, 2 meters, 5x 1NO, cable diameter 6.7mm)



- 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-B2-2-20/6S-(P) (20AWGx6, shielded, 2 meters, 5x 1NO, cable diameter 6.7mm)

