

EXPLOSION PROOF FOOT SWITCH - MEDICAL



500 SERIES
MEDICAL EQUIPMENT FOR
HAZARDOUS LOCATIONS

CLASS I, DIVISION 1, Group C & D
CLASS I, ZONE 1, Group IIA & IIB
NEMA Type 7C
EN 60529 Degree of Protection IP41

Nonsparking cast aluminum housing. Aluminum base plate with nonskid conductive rubber base pad. Both models prewired with potted connector MS-3102R-18-4PW. Two pedal model wired with an electrical interlock and supplied with a divider bar between pedals which helps prevent accidental operation of both pedals at one time. Foot switch painted black.

Use mating connector MS-3106A-18-4SW, plus strain relief clamp MS-3057-10 or 10A*

*Mating connector with cable clamp available from LINEMASTER. Order as Catalog Number LSC-835.

Size: 10" x 9 3/4" x 4 5/8" Weight: 6 1/2 lbs.



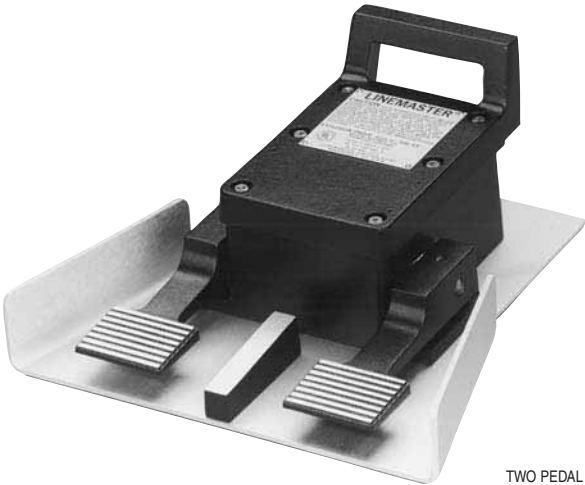
SINGLE PEDAL

600 SERIES
MEDICAL EQUIPMENT FOR
HAZARDOUS LOCATIONS

CLASS I, DIVISION 1, Group C & D
CLASS I, ZONE 1, Group IIA & IIB
NEMA Type 7C
EN 60529 Degree of Protection IP68
Meets IEC 601-2-2

Medical Explosion Proof foot switch Series 600 is a UL Listed construction that allows the addition of sealing O-rings on the pivot rod and between the base and cover. This is accomplished by increasing the thickness of the housing wall, without negating the integrity of the metal to metal contact required to qualify as explosion proof. The same specifications apply for the 600 Series as detailed above for the 500 Series, except for a modest increase in weight and the mating connector required. Use mating connector MS or CA-3106F-18-4SW-(A105)-(F74)* which includes cable clamp, or CA-06R-18-4SW-(A105)-(F74)* which includes cable clamp.





*Mating connector with cable clamp available from LINEMASTER. Order as Catalog Number LSC-575-24.



TWO PEDAL

⚠ WARNING SEE INSIDE FRONT COVER

SPECIFICATIONS (Special variations are available to the O.E.M. on special order on the models listed below)

CATALOG NUMBER	CIRCUIT	FORM	CONNECTOR WIRED	ELECTRICAL RATINGS
 C 591-EX (Single Pedal)	SPDT	C	Pin A-Normally Open	5 A 125-250 VAC 3 A 28 VDC Momentary Contact
 C 601-EX (Single Pedal)	SPDT	C	B-Common	
			C-Normally Closed	
			D-Ground	
 C 596-EX (Two Pedal)	SPNO	A	Pin A-Normally Open-Left Pedal	Momentary Contact
 C 606-EX (Two Pedal)	Both	A	B-Common	
	Sides		C-Normally Open-Right Pedal	
			D-Ground	

CE MARKING – see note on inside front cover.

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

500 Series

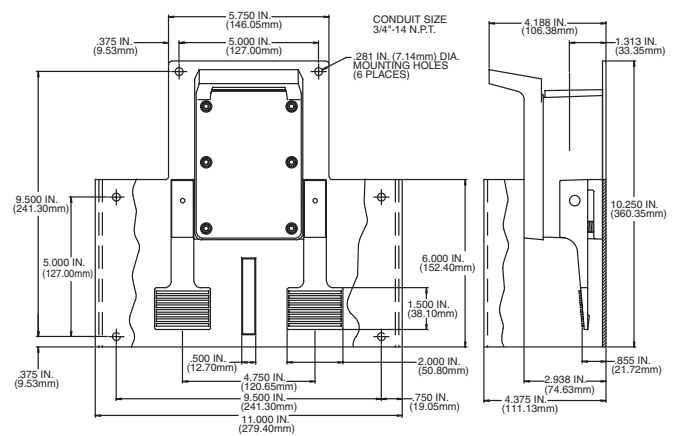
Technical drawings of the 500 Series unit, showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Top width: 5.750 IN. (146.05mm)
- Top left corner radius: 3.75 IN. (9.53mm)
- Left side height (top section): 9.500 IN. (241.30mm)
- Left side height (middle section): 5.000 IN. (127.00mm)
- Bottom left corner radius: 3.75 IN. (9.53mm)
- Bottom width (inner): 5.000 IN. (127.00mm)
- Bottom width (outer): 9.500 IN. (241.30mm)
- Bottom width (base): 11.000 IN. (279.40mm)
- Right side height (top section): 6.000 IN. (152.40mm)
- Right side height (middle section): 7.50 IN. (19.05mm)
- Conduit size: 3/4"-14 N.P.T.
- 281 IN. (7.14mm) DIA. MOUNTING HOLES (6 PLACES)

Side View Dimensions:

- Top width: 4.188 IN. (106.35mm)
- Top right corner radius: 1.313 IN. (33.35mm)
- Right side height (top section): 10.250 IN. (260.35mm)
- Right side height (middle section): 8.55 IN. (21.72mm)
- Bottom right corner radius: 2.938 IN. (74.63mm)
- Bottom width (inner): 4.375 IN. (111.13mm)
- Bottom width (outer): 4.750 IN. (120.65mm)



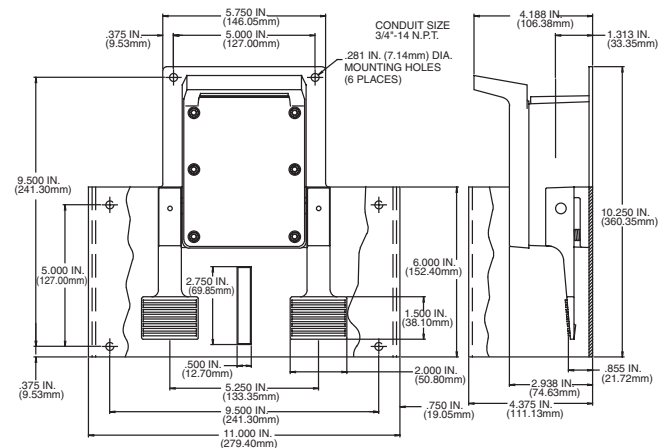
600 Series

CONDUIT SIZE
3/4"-14 N.P.T.

281 IN. (7.14mm) DIA.
MOUNTING HOLES
(6 PLACES)

Dimensions (inches and millimeters):

- Top width: 5.750 IN. (146.05mm)
- Top width: 5.000 IN. (127.00mm)
- Top width: 3.75 IN. (9.53mm)
- Right side top width: 4.188 IN. (106.38mm)
- Right side top width: 1.313 IN. (33.35mm)
- Left side height: 9.500 IN. (241.30mm)
- Left side height: 5.000 IN. (127.00mm)
- Right side height: 6.000 IN. (152.40mm)
- Right side height: 10.250 IN. (260.35mm)
- Bottom width: 5.500 IN. (139.70mm)
- Bottom width: 9.500 IN. (241.30mm)
- Bottom width: 11.000 IN.
- Bottom width: 7.50 IN. (19.05mm)
- Right side bottom width: 2.938 IN. (74.63mm)
- Right side bottom width: .855 IN. (21.72mm)
- Right side bottom width: 4.375 IN. (111.12mm)
- Left side bottom width: .375 IN. (9.53mm)



NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

