



1 FSX 21

EX-PROOF FOOT SWITCH

FOR USE IN EX ZONES 1, 2, 21 AND 22

The ex foot switch is used, where the manual actuation of an intercom station is not possible, for example.

The robust enclosure is manufactured using the aluminum die casting process, thus withstanding high levels of mechanical stress. The pedal is made of glass-fibre reinforced thermoplastic and has a shield to protect against unintentional actuation. A slow action switching system with double break, positive break is used.



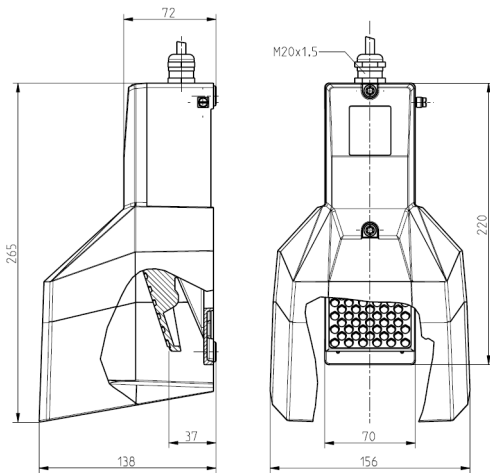
- For Ex zones 1, 2, 21 and 22
- One-pedal non-latching foot switch
- Robust aluminum die-cast enclosure with protective shield
- Slow action with double break, positive break
- 1 NC / 1 NO contact
- Low pedal height
- High level of stability

MECHANICAL DATA

Enclosure	Aluminum die-cast, enamel finish
Protective shield	Aluminum die-cast, enamel finish
Pedal	Glass-fiber reinforced thermoplastic
Width x height x depth	156 mm x 138 mm x 265 mm (6.14" x 5.43" x 10.43")
Connection	H05VV-F cable
Wire cross-section	4 x 0.75 mm ²
Cable length	3 m (9.84 ft)
Switching system	Slow action with double break, positive break
Switching cycles (10 % nominal load)	2 millions
Utilization category	AC-15
Weight	Approx. 1.3 kg (approx. 2.87 lbs)
Color of enclosure and protective shield	Steel blue (RAL 5011)



DIMENSIONS



ELECTRICAL DATA

Switching current / switching voltage	Max. 6 A / 250 V AC; Max. 0.25 A / 230 V DC
Max. fuse rating	16 A gL/gG D-fuse

ENVIRONMENTAL REQUIREMENTS AND STANDARDS

Ambient temperature during operation	T6: -20 °C to +65 °C (-4 °F to +149 °F) T5: -20 °C to +95 °C (-4 °F to +203 °F)
Degree of protection	IP65
ATEX marking	Ex II 2G Ex d IIC T6 / T5 Gb Ex II 2D Ex tb IIIC T80 °C / T95 °C Db
EU type examination certificate	PTB 11 ATEX 1002X (referring to the switch insert)
Standards	EN 60947-5-1; EN 1088; EN 60079-0; EN 60079-1; EN 60079-31; ISO 13849-1

ORDER DATA

Construction	Type	Type Number
incl. connection cable with bare wire ends	1 FSX 21	013-010-003
incl. connection cable with connector for intercom stations of the DXE 0x5 or DXE 7x5 series	1 FSX 21/Conn	013-010-004

© INDUSTRONIC