

FOOT SWITCH

606.1100.005
F1-U1Z FOOT SWITCH

- Robust design
- IP65 rated
- Relay, contactor etc. can be installed inside the cover
- Special versions available for various environments such as hospitals



PRODUCT DESCRIPTION

Common features

F1 = 1 pedal

F2 = Dual pedal

UN = Protective cover

U1Z = Slow action contact, 1 NO+1 NC

U2Z = Slow action contact, 2 NO+2 NC

SU1Z = Snap action contact, 1 NO+1 NC (contact executes switching function in constant speed)

SU2Z = Snap action contact, 2 NO+2 NC (contact executes switching function in constant speed)

U1Y = "Push-push" -contact. One push executes a switching function, second push resets the contact, 1 NO+1 NC.

U2ZD = Dual action: first contact functions when the pedal is pushed up to pressure point, second contact functions when the pedal is pushed beyond pressure point, 2 NO+2 NC.

SPECIFICATIONS

Contact type 1NO, 1 NC

IP Class IP65

Voltage Max 240 V

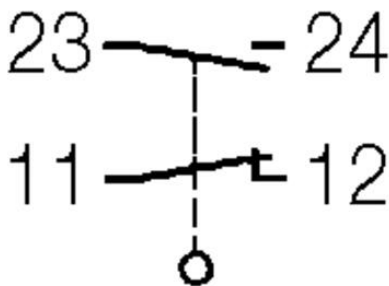
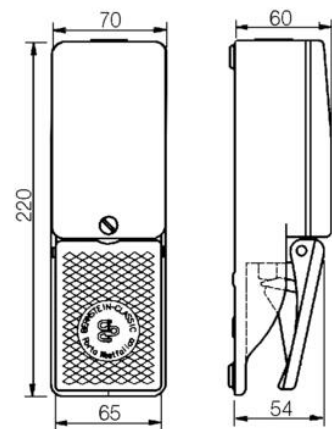
Number of pedals 1

Cable entry	3xM20x1,5
Temperature range to	80 °C
Conventional Thermal Current	10 A
Temperature range from	-30 °C
Operating Frequency Max	50 ggr/min
Materials Pedal	Plastic
Approvals	CCC, CE, CSA US
Material of body	Aluminium
B10d	20x10 ⁶

Standard values for safety technology	
EMC	20 x 10 ⁶
6 x 10 ⁶ Restrictions in article designation "C"	
2 x 10 ⁶ Restrictions in article designation "D"	
4 x 10 ⁶ Restrictions in article designation "E"	
1 x 10 ⁶ Restrictions in article designation "F"	

Standards	
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1	
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1	

Mechanical data	
Enclosure	Cast aluminium (powder coated)
Cover, Protective shroud UN	Cast aluminium (powder coated)
Foot pedal	Thermoplastic
Operating temperature (with no icing / no condensation)	-30°C to +80°C, 20°C to +45°C in type designation "E"
Storage temperature	-30°C to +80°C, 20°C to +45°C in type designation "E"
Mechanical service life	> 1 x 10 ⁶ switching cycles when using switches with potentiometer 5 x 10 ⁶
Switching frequency	50 min ¹ when using switches with potentiometer 20 min ²
Type of connection	Screw connections (M3,5)
Conductor cross sections	Single wire 0,5 - 1,5 mm ² or stranded wire with female 0,5 - 1,5 mm ²
Cable entry	M20 x 1,5
Weight with cover	F1 = 0,8 kg, F2 = 1,7 kg, F3 = 3,0 kg
Weight with protective shroud UN	F1 = 1,5 kg, F2 = 2,8 kg, F3 = 5,4 kg
Protection class	Protection class depends on type. Standard is IP 45.



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