

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 featu	res	
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

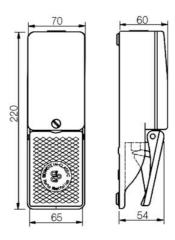
Contact type	1NO, 1 NC
IP Class	IP65
Voltage Max	240 V
Number of pedals	1

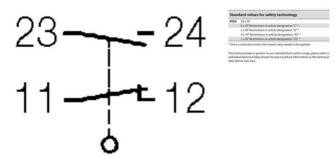
Cable entry	3xM20x1,5
Temperature range to	80 °C
Conventional Thermal Current	10 A
Temperature range from	-30 °C
Operating Frequency Max	50 ggr/min
Materials Pedal	Plastic
Approvals	CCC, CE, CSA US
Material of body	Aluminium
B10d	20x10^6

B104	20 x 10°
	6 x 10° Restrictions in article designation "C" "
	2 x 10" Restrictions in article designation "O" "
	4 x 10° Restrictions in article designation "EX" *
	1 a 10° Restrictions in article designation "25" *
Once	a restriction exists, the lowest value needs to be applied.
	hoical data is generic to our standard foot switch range, please refer to

Standards	
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1	
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1	
Approvals*	
CCSAUS A300, Q300 (same polarity)	
CCSAUS A300, Q300 (same polarity) ¿UL _{II} 8300 (in type designation "ZS")	
Approvals* CCSAUS A300, Q300 (same polarity) (ULL, B300 in type designation '25') DGAV Dolly verifiers that have an appropriate label!	

Mechanical data		
Enclosure	Cast aluminium (powder-coated)	
Cover, Protective shroud UN	Cast aluminium (powder-coated)	
Foot pedal	Demoplatic	
Operating temperature (with no Icing / no condensation)	-90°C to +80°C (-20°C to +65°C in type dissignation "EX")	
Storage temperature	-30°C bis +80°C (-20°C to +60°C in type designation "EX")	
Mechanical service life	$>1\times10^4$ switching cycles when using switches with potentiometer S $\times10^4$	
Switching frequency	50 min " when using switches with potentionneter 20 min "	
Type of connection	Sorew connections (M3.5)	
Conductor cross sections	Single wire 0.5 - 1.5 mm' or stranded wire with femule 0.5 - 1.5 mm'	
Cable entry	M20 x 1.5	
Weight with cover	F1 = 0,6 kg, F2 = 1,7 kg, F3 = 3,0 kg	
Weight with protective shroud UN	F1 =1,5 kg, F2 = 2,6 kg, F3 = 5,4 kg	
Protection class	Protection class depends on type Standard is IP 65.	







Standards	
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1	
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1	
1	
Approvals*	
Approvals* CCSAUS A300, 0300 (same polarity)	
CCSAUS A300, Q300 (same polarity)	

Mechanical data		
Enclosure	Cast aluminium (powder-coated)	
Cover, Protective shroud UN	Cast aluminium (powder-coated)	
Foot pedal	Thermoplatic	
Operating temperature (with no Icing / no condemation)	-90°C to +80°C (-20°C to +65°C in type designation *10°C)	
Storage temperature	-30°C bis =80°C (-20°C to +65°C in type designation °EX°)	
Mechanical service life	>1 x 10° switching cycles when using switches with potentiometer 5 x	
Switching frequency	30 min " when using switches with potentiometer 20 min "	
Type of connection	Sorew connections (MILS)	
Conductor cross sections	Single-wire 0.5 - 1.5 mm² or stranded wire with femile 0.5 - 1.5 mm²	
Cable entry	M20×15	
Weight with cover	F1 = 0,6 kg, F2 = 1,7 kg, F3 = 3,0 kg	
Weight with protective shroud UN	F1 =1,5 kg, F2 = 2,6 kg, F3 = 5,4 kg	
Protection class	Protection class depends on type Standard is IP 65.	