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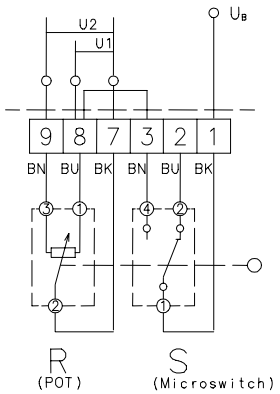
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Technical Data
Foot-switch

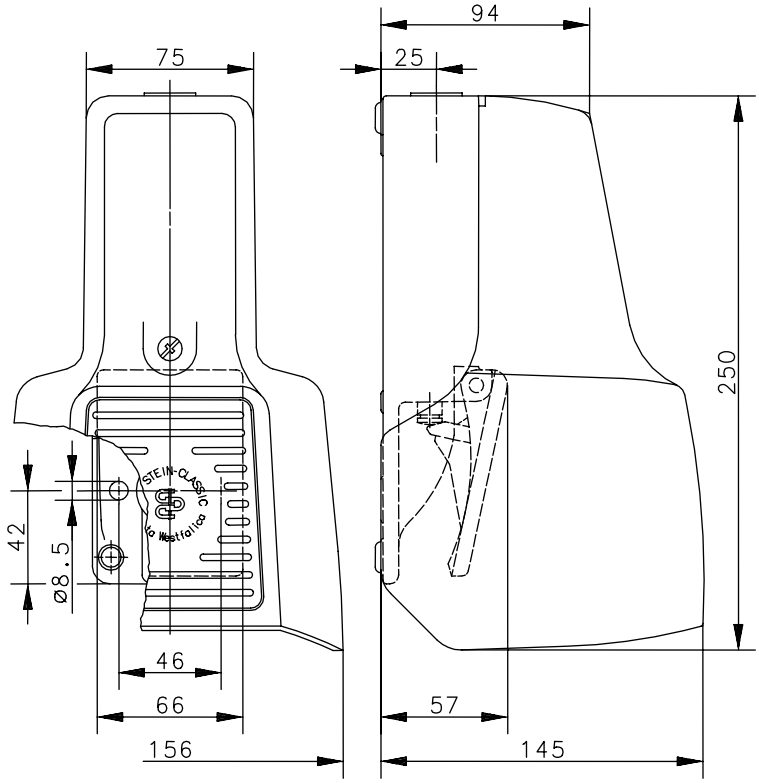
Series F1 UN

Description **F1-SU1 MI RG 5K0,5W UN** Article number **6161800662**

Connection example



Wiring diagram



Electrical data		Microswitch	Potentiometer (POT)
Calibration current	I	5A	–
Sliding contact	I	–	< 0,1µA
Load	P	–	0,5W/40°C
Rated insulation voltage	U_i	250V AC	–
Max. enduring current	U_{max}	250V AC	$\sqrt{PxR}$ [V]
Connection resistance	R	–	5KΩ ±20%
Short-circuit protective device		–	Fuse
		–	F 10mA
Protection class		I (referred to the complete foot-switch)	

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Technical Data
Foot-switch

Mechanical data		
Enclosure		AL
Protective guard (Accident protection cover UN)		AL
Actuator		Foot lever (PA)
Ambient air temperature		-25°C … +80°C
Contact type		1 changeover, 1 potentiometer (5kΩ)
Operating force		Approx. 10N (pedal centre)
Mechanical life	Microswitch	10 x 10^6 operating cycles
	Potentiometer	1 x 10^6 movements
Switching frequency		max. 20/min
Assembly		2 x M8
Connection		screw terminals (M2)
Number of connections		6 x M2
Protection ground		2 x M4
Conductor cross-sections		Solid: ≤ 1mm²
		Litz wire with or without ferrules: ≤ 1mm²
Cable entrance		1 x M20x1,5
Weight		Approx. 1,4kg
Protection type		IP65 in accordance with IEC/EN 60529

Regulations Microswitch	DIN EN 61058-1 (VDE 0630 Teil 1): 1993-05
	DIN EN 61058-1: 1992 ÷ A1: 1993-05
	Low voltage guideline 73/23/EWG

EU Conformity	CE

Notes

Not used tapped holes must be closed with pegs. The degree of protection (IP code) specified applies solely to a properly closed cover and the use of an at least equivalent cable gland or blind plugs.

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