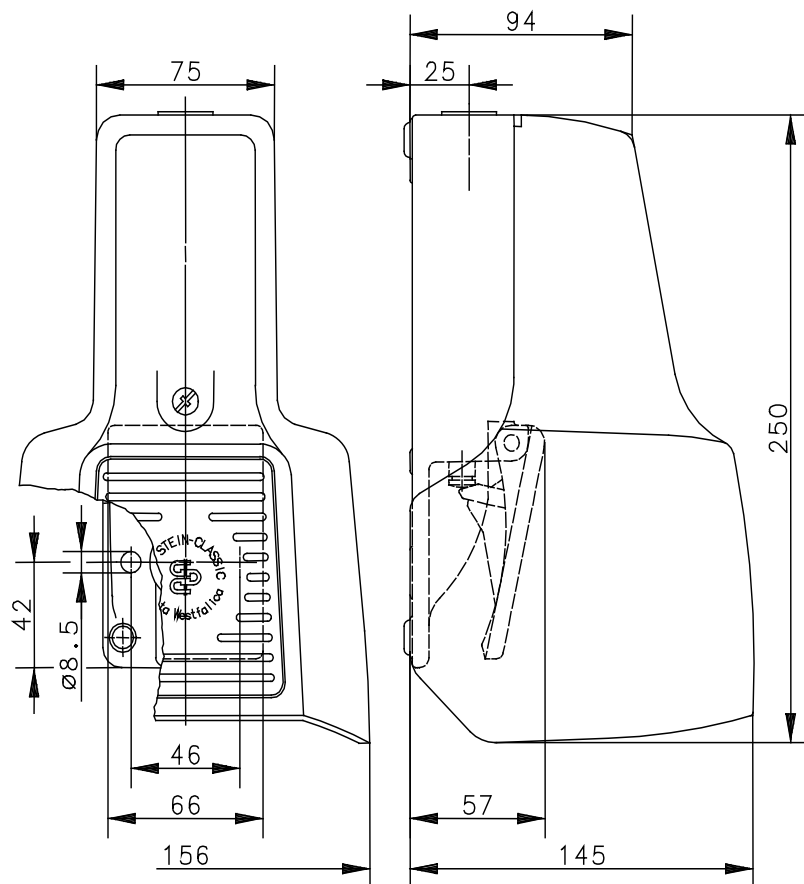
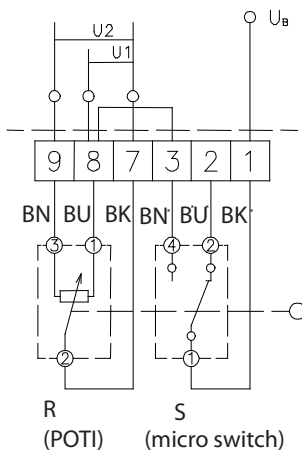


Foot-switch Series F1

Description **F1-RG UN**

Article number **6161800790**

Connection example



Electrical data			
		Microswitch	Potentiometer
Rated current	I	5 A	-
Contact current	I	-	< 0,1 µA
Load	P	-	0,5 W/40 °C
Rated insulation voltage	U _i	250 V AC	-
Rated voltage	U _{max}	250 V AC	$\sqrt{P \times R}$ [V]
Ferrule resistor	R	-	10 kΩ ± 20 %
Short-circuit protective device		-	Fuse F 10 mA
Protection class		I (referred to the complete foot-switch)	

Mechanical data	
Enclosure	AL
Protective guard (Accident protection cover UN)	AL, RAL 5002 (ultramarine blue)
Actuator	Foot lever (PA)
Ambient air temperature	-25 °C ... +80 °C
Contact type	1 Change-over, 1 Potentiometer (10 kΩ)
Operating force	≈ 10 N (pedal centre)
Mechanical life	10 x 10 ⁶ operating cycles 5 x 10 ⁵ rotation cycles (Potentiometer)
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: ≤ 1mm ² Litz wire with or without ferrules: ≤ 1mm ²
Cable entrance	1 x M20 x 1,5
Weight	≈ 1,4 kg
Protection type	IP65 acc. to IEC/EN 60529

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
Microswitch	DIN EN 61058-1 (VDE 0630 Teil 1) : 2008-09

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

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.	