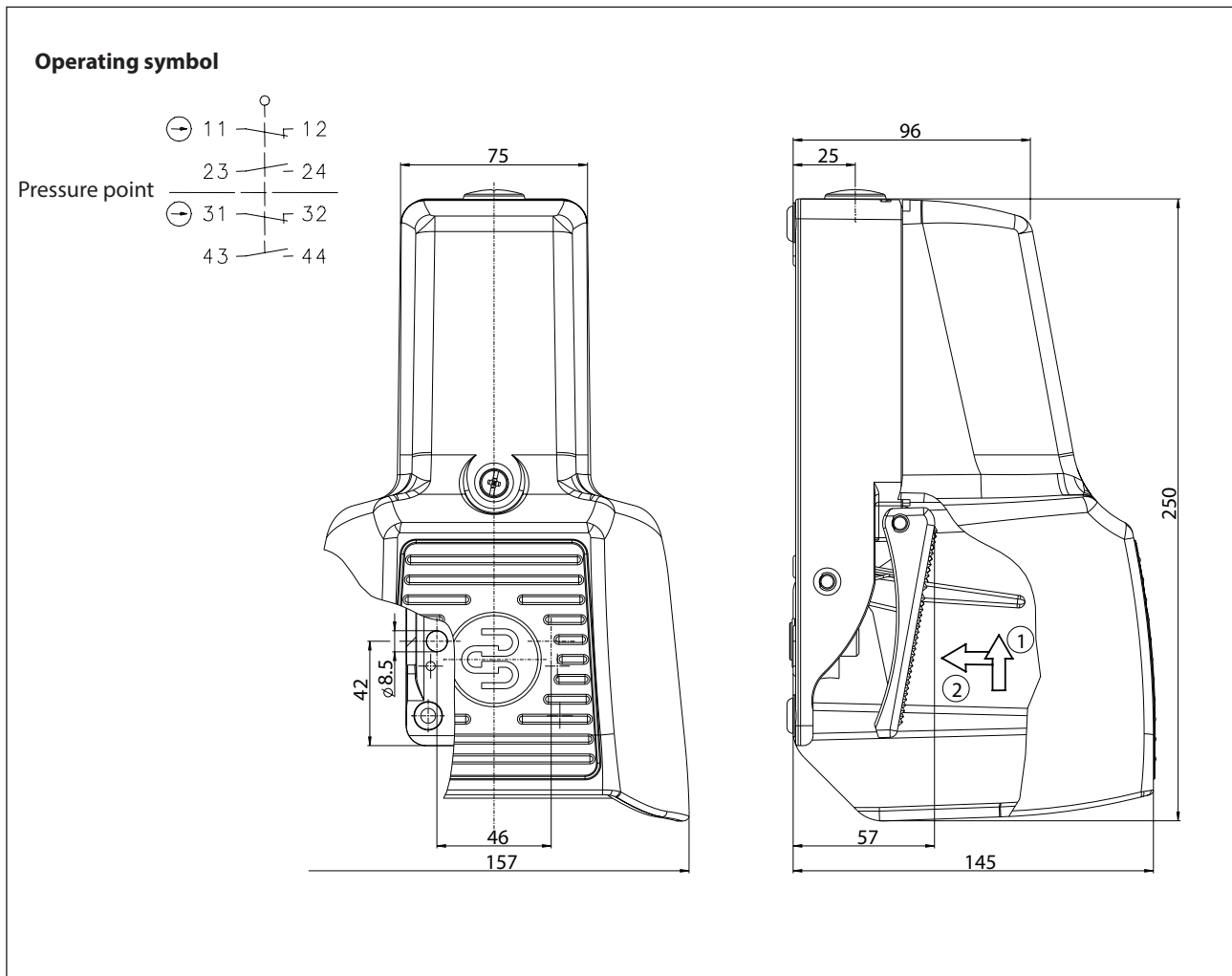



Foot-switch Series F1

Description **F1-U2ZD AT UN**

Article number **6161700660**



Electrical data		
Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e 240 V / I_e 3 A
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K (pedal stop)
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical Data	
Enclosure	AL, die-cast
Protective guard (Accident protection cover UN)	AL, die-cast
Actuator	Foot lever (PA), with pedal detent (PA)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 N.C. / 2 N.O. (Zb)
Operating force	ca. 10 N (pedal centre)
Pressure point pedal	ca. 200 N
Mechanical life	
without actuating the pressure point	10 x 10 ⁶ switching cycles
with actuating the pressure point	1 x 10 ⁶ switching cycles
Switching frequency	max. 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	8 (see switch symbol)
Protection ground	2 x M4
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entry size	1 x M20 x 1,5
Weight including protective guard	≈ 1,5 kg
Protection type	IP 65 acc. to IEC/EN 60529

Standards
DIN EN 60947-5-1

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

Notes
The degree of protection specified (IP code) applies only to a properly closed protective guard and the use of an equivalent cable gland with adequate cable.