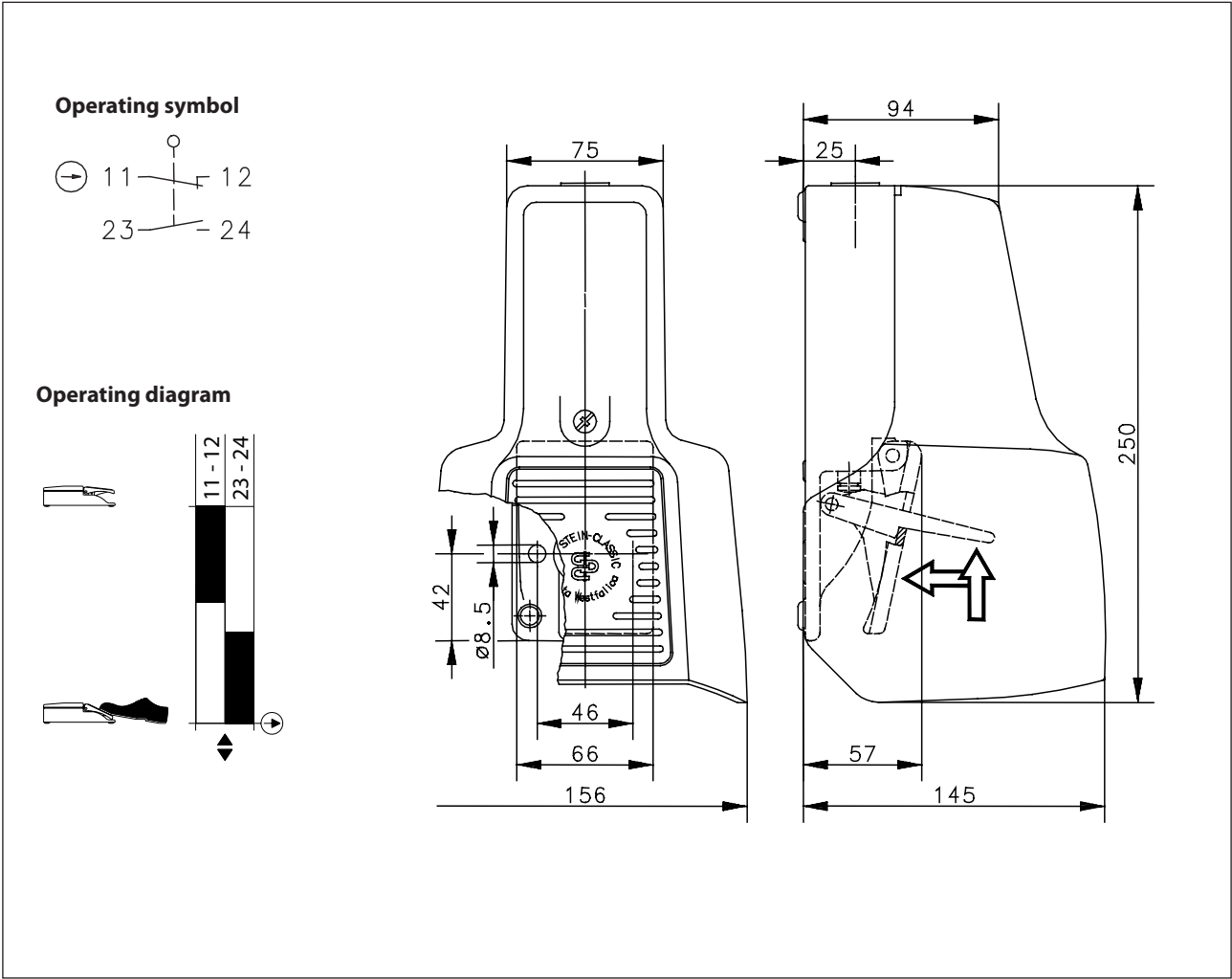


Foot-switch
Series F1

Description F1-U1Z AT UN	Article number 6161600846
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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
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical Data	
Enclosure	AL, die-cast, RAL 9005 (jet black)
Protective guard (Accident protection cover UN)	AL, die-cast, RAL 9005 (jet black)
Actuator	Foot lever (PA, black), locking lever (Lexan, black)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C., 1 N.O. (Zb)
Operating force	≈ 10 N (pedal centre)
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	4
Protection ground	2 x M4
Conductor cross-sections	0,5 – 1,5 mm ² (solid or stranded wire with ferrules)
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

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1/2

EU Conformity	
	acc. to directive 2006/42/EC (Machinery Directive)

Approvals	
	DGUV
	cCSA _{US} A300 (same polarity)
	CCC

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.	