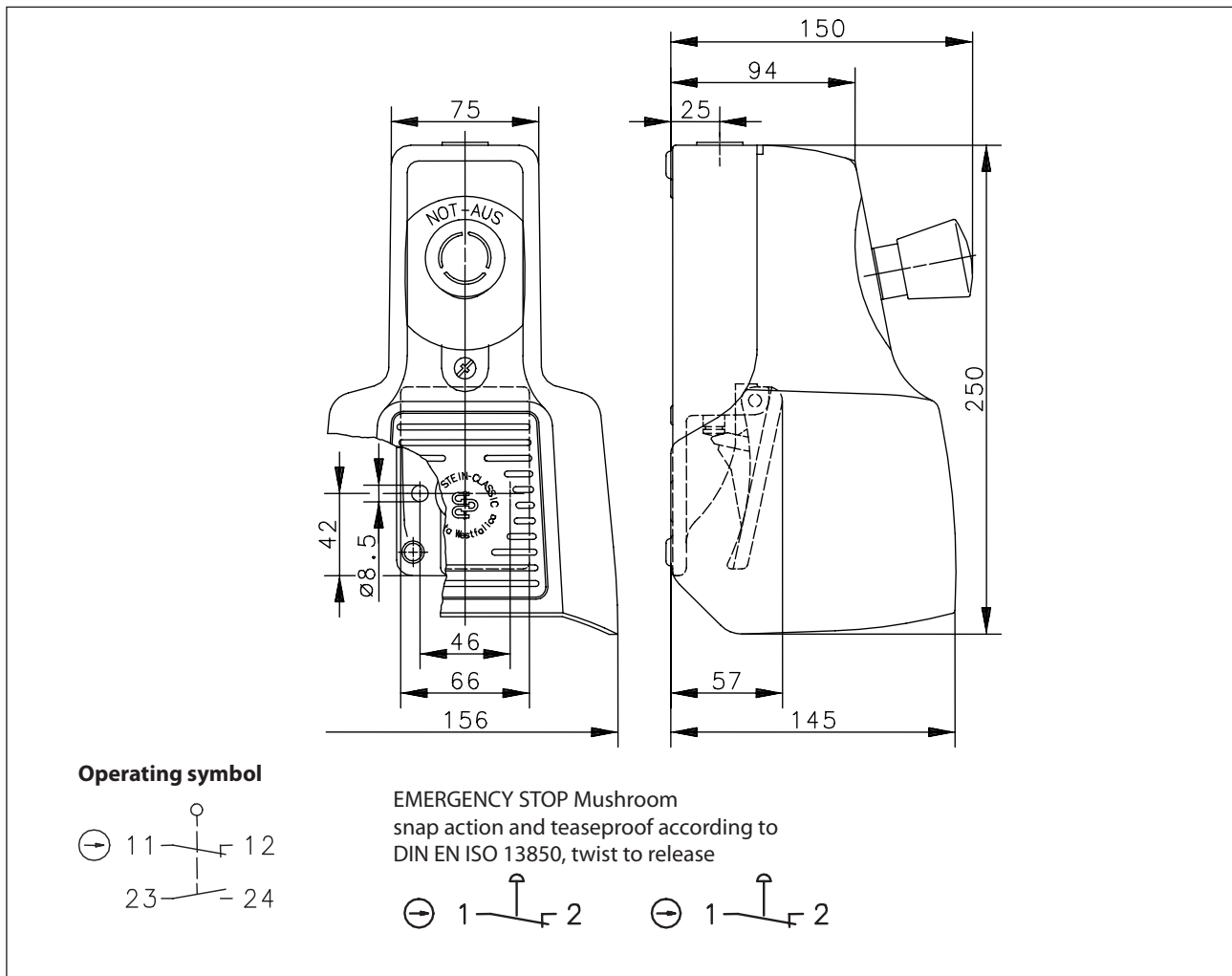


Foot-switch

Series F1

Description **F1-U1Z NA2 UN**

Article number **6161600682**



Electrical Data			
		Contact	Emergency stop
Rated insulation voltage	U_i	400 V AC	500 V AC
Conv. thermal current	I_{the}	10 A	10 A
Rated operational voltage	U_e	240 V	230 V
Utilization category		AC-15, U_e / I_e 240 V AC / 3 A	AC-15, U_e / I_e 230 V AC / 6 A
Direct opening action	⊖	acc. to IEC/EN 60947-5-1, annex K	
Short-circuit protective device		Fuse 10 A gG	
Protection class		I (referred to the complete foot-switch)	

Mechanical Data	
Enclosure	AL, die-cast, black (RAL 9005)
Protective guard (Accident protection cover UN)	AL, die-cast, coral red (RAL 3016)
Actuator	Foot lever (PA)
Ambient air temperature	-25 °C ... +70 °C
Contact type	1 N.C. / 1 N.O. (Zb)
Operating force	≈ 10 N (pedal centre)
Mechanical life	
built-in switch	10 x 10 ⁶ switching cycles
emergency stop	3 x 10 ⁵ switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	8 (see switching symbol)
Protection ground	2 x M4
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ²
built-in switch	Litz wire with ferrules: 0,5 ... 1,5 mm ²
Conductor cross-sections	2 x 1,0 – 1,5 mm ²
emergency stop	Litz wire with ferrules: 2 x 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

ID for safety engineering	
B10d	20 x 10 ⁶ cycles (Foot switch with built-in switch, without EMERGENCY STOP)

Standards	
	DIN EN 60947-5-1

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

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

Notes	
Tapped holes not in use must be closed with blind plugs. The degree of protection (IP code) specified applies only to a properly closed accident protection cover and in connection with the appropriate cable glands or blind plugs.	