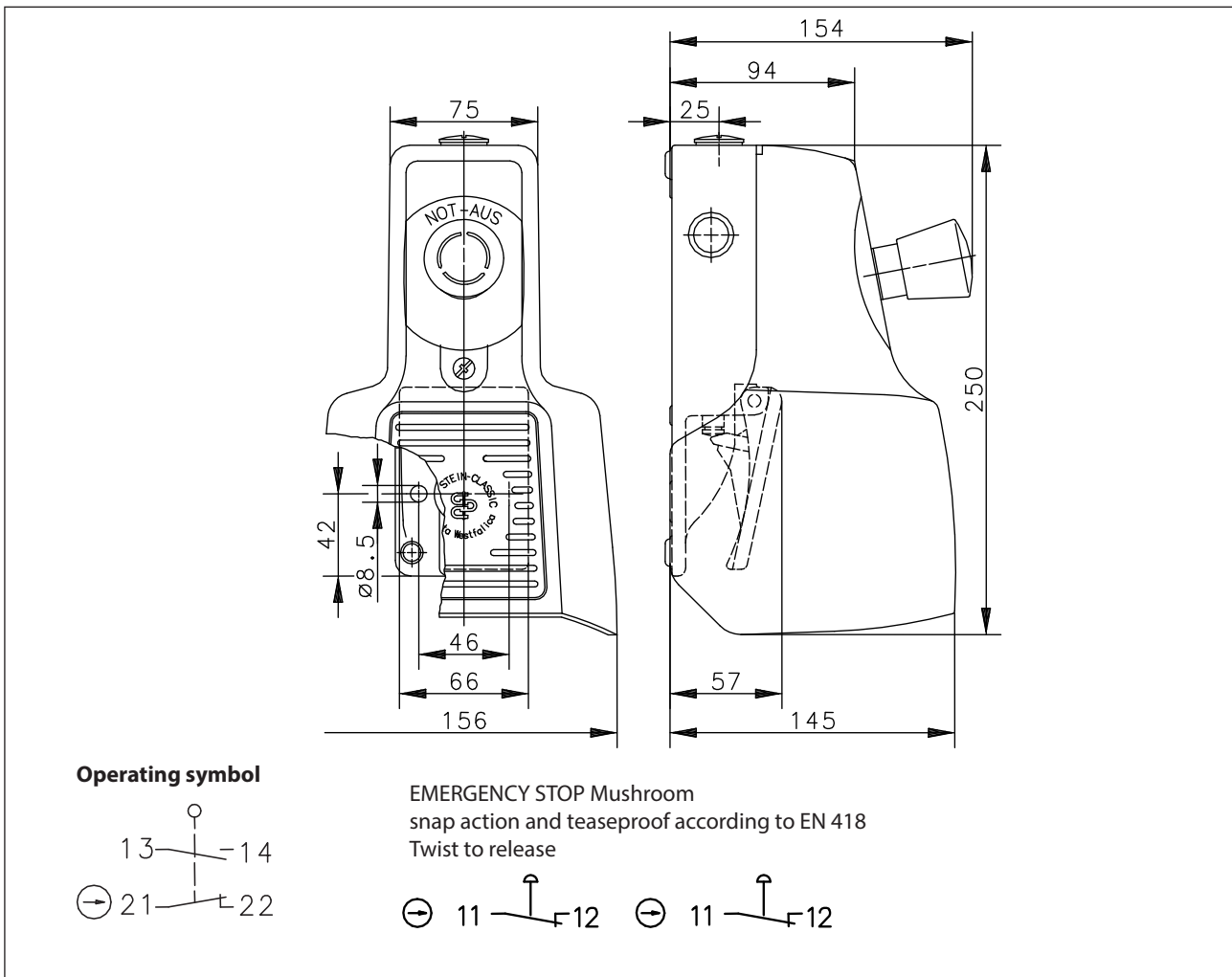


Foot-switch

Series F1

Description **F1-U1ZHVG NA2 UN**

Article number **6161600735**



Electrical Data			
		Contact	Emergency stop
Rated insulation voltage	U_i	400 V AC	400 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	\rightarrow	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	-30 °C ... +80 °C
Contact type	1 N.C. / 1 N.O. (Zb)
Contacts	fine gold-plated (Our guideline values are valid for the gold-plated switch contacts.)
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 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	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

EU Conformity	
	acc. to directive 2014/35/EU

Approvals	
	cCSA _{US} A300 (same polarity)

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.	