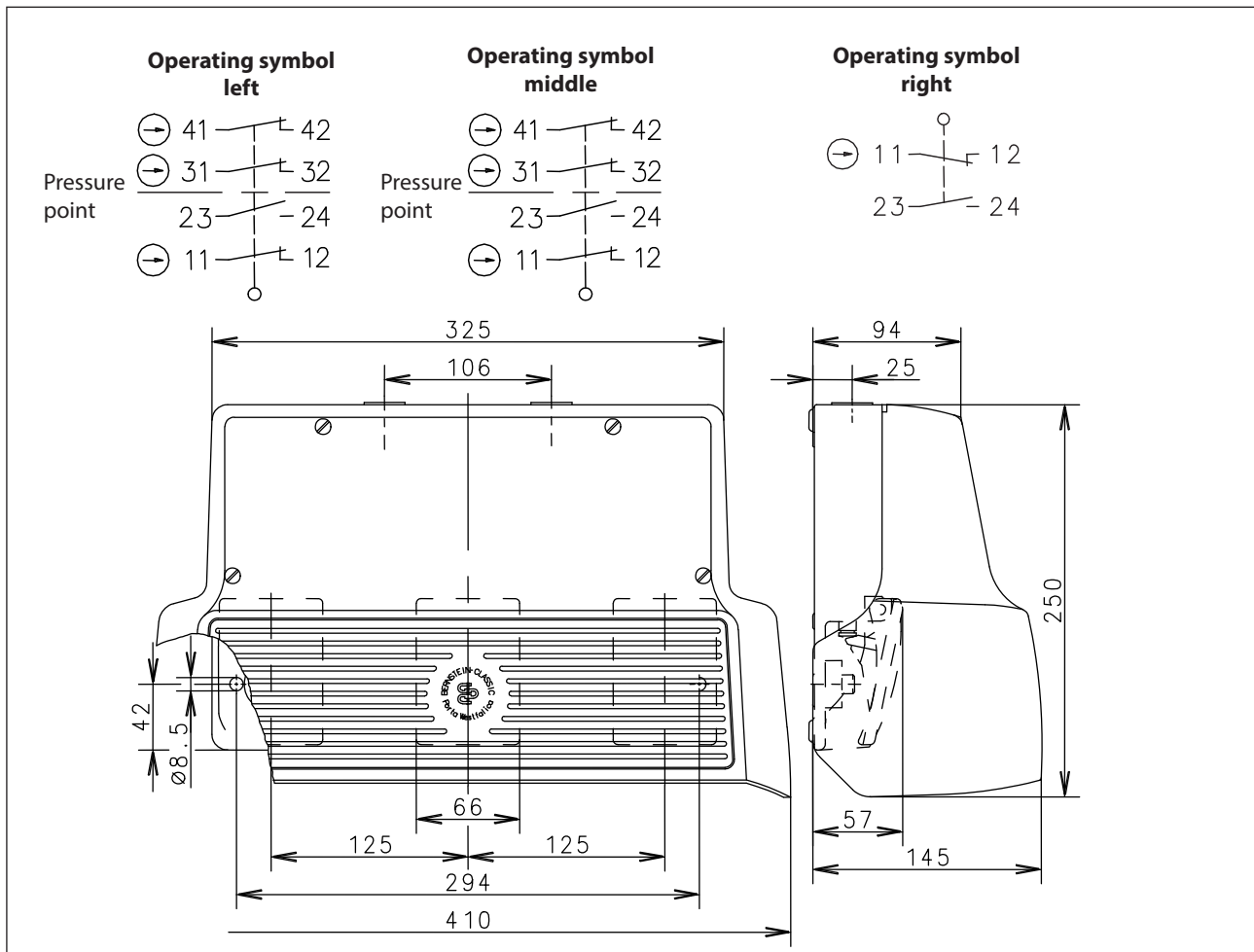


## Foot-switch Series F3 UN

Description **F3-U1ZA2ZD/U1ZA2ZD/U1Z UN**

Article number **6163000698**



### 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	$\rightarrow$	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
Protective guard (Accident protection cover UN)	AL
Actuator	Foot lever (PA)
Ambient air temperature	-30 °C ... +80 °C
Contact type	7 NC, 3 NO (Zb)
Operating force	≈ 10 N (pedal centre)
Pressure point	≈ 200 N
Mechanical life	10 x 10 <sup>6</sup> operating cycles 1 x 10 <sup>6</sup> operating cycles (with actuated the pressure point)
Switching frequency	max. 50 / min
Assembly	2 x M8
Connection	screw terminals (M3,5)
Number of connections	20
Protection ground	2 x M4
Conductor cross-sections	Solid: 0,5 ... 1,5 mm <sup>2</sup> or Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	2 x M20 x 1,5
Weight	≈ 5,3 kg
Protection type	IP65 acc. to IEC/EN 60529

ID for safety engineering	
B10d	2 x 10 <sup>6</sup> cycles

Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN ISO 13849-1

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

Approvals	
	cCSA <sub>US</sub> A300 (same polarity)

Notes	
<p>Tapped holes not in use must be closed with blind plugs. The degree of protection (IP code) specified applies only to a properly closed protective guard and in connection with the appropriate cable glands or blind plugs.</p> <p>Special: clearance underneath the footswitch</p>	