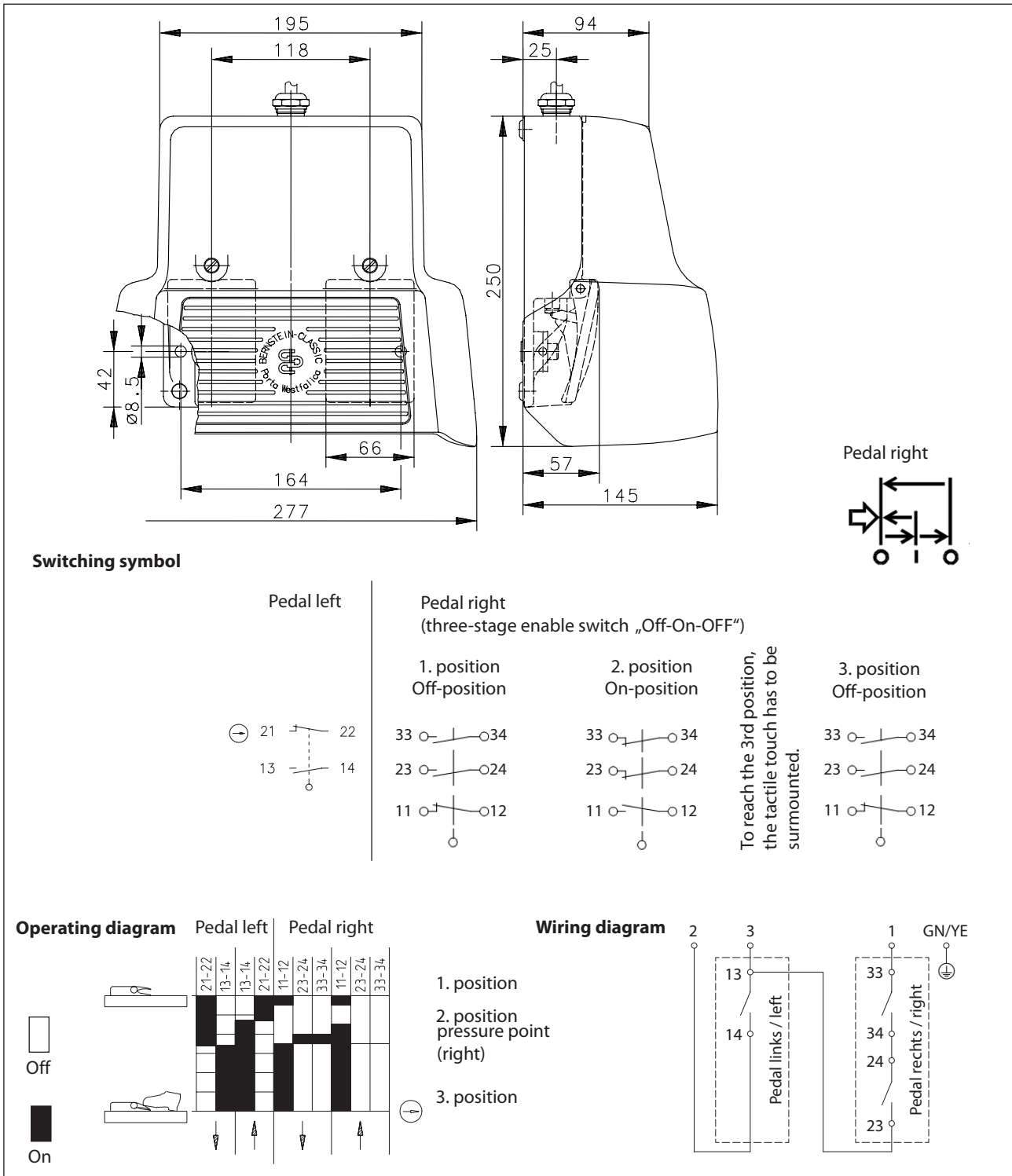


Foot-switch Series F2 UN

Description **F2-SU1Z/ZSD UN**

Article number **6162800801**



Electrical data		
Rated insulation voltage	U_i	300 V AC
Conv. thermal current	I_{the}	5 A
Rated impulse withstand voltage	U_{imp}	2,5 KV
Rated operational voltage	U_e	240 V AC
Utilization category		AC-15, U_e / I_e 240 V AC / 1,5 A 50-60 Hz
Direct opening action	↻	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		D-Fuse 4 A gG
Protection class		I

Mechanical data	
Enclosure	AL, die-cast (RAL 9005)
Protective guard (Accident protection cover UN)	AL, die-cast (RAL 7034)
Actuator	Foot lever (PA)
Ambient air temperature	-5 °C to +70 °C
Contact type (left pedal) (right pedal)	1 NC, 1 NO. (Zb) three-stage enable switch (1 NC, 2 NO. (Zb))
Operating force (pedal centre) (left pedal) (right pedal) 1. position 2. position	10 N 10 N 25 N
Pressure point (right pedal)	≈ 200 N
Mechanical life (left pedal) Sequence of the switching position(right Pedal): 1 – 2 – 1 or: 1 – 2 – 3 – 1	10 x 10 ⁶ operating cycles 10 x 10 ⁶ operating cycles 1 x 10 ⁶ operating cycles
Switching frequency (left pedal) (right pedal)	max. 50/min max. 30/min
Assembly	2 x M8
Connection	Cable 4 x 1,5 mm ² x 3700 mm ± 5 %, PUR
Weight	tbd
Protection type	IP65 in accordance with IEC/EN 60529

ID for safety engineering		
	Pedal left	Pedal right
B10d	20 x 10 ⁶	Sequence of the switching position: 1 – 2 – 1 10 x 10 ⁶ cycles or: 1 – 2 – 3 – 1 1 x 10 ⁶ cycles

Regulations	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	DIN EN 61326-3-1
	DIN EN ISO 13849-1

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

Function (right pedal)

Normally open contacts: 23 – 24, 33 – 34; Signalling contact: 11 – 12

- Position 1: OFF position of the operating contacts (the pedal is not actuated)
- Position 2: ON position of the operating contacts (the pedal is actuated to as far as the pressure point)
- Position 3: OFF position of the operating contacts (the pedal is fully actuated)

If the three-stage enable switch is actuated in position 2, it returns to position 1 when it is released. The three-stage enable switch changes from position 2 to position 3, if it gets further pressed unter after the resistance of the pressure point.

The actuation of the operating contacts is made by a positive opening.

Once the pedal is not pressed, the three-stage enable switch returns to position 1.

The operating contacts are opened in the return stroke.

Notes

The specified protection classification (IP code) applies only when the cover is closed.