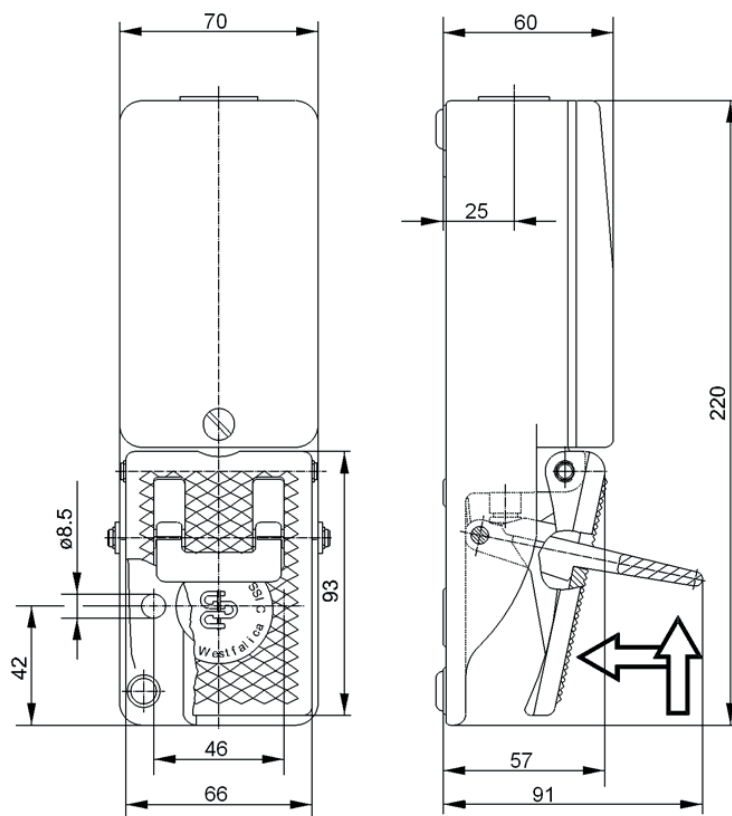
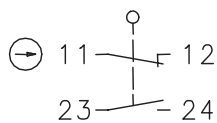


## Foot-switch Series F1

Description **F1-U1Z AT**

Article number **6161100554**

### Operating symbol



### 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, $U_e / I_e$ 240 V / 3 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, Annex K (on reaching the pedal stop)
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical Data	
Enclosure	AL die-cast
Cover	AL die-cast
Actuator	Foot lever (PA), detend lever (Lexan)
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 <sup>6</sup> switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	4 (see switch symbol)
Protection ground	2 x M4
Conductor cross-sections	0,5 – 1,5 mm <sup>2</sup> (solid or stranded wire with ferrules)
Cable entry size	1 x M20 x 1,5
Weight including cover	≈ 0,7 kg
Protection type	IP 65 acc. to IEC/EN 60529

ID for safety engineering	
B10d	20 x 10 <sup>6</sup> cycles

Standards	
	DIN EN 60947-5-1

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

Notes	
The specified protection classification (IP code) applies only when the cover is closed and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland.	