

# Technical Data

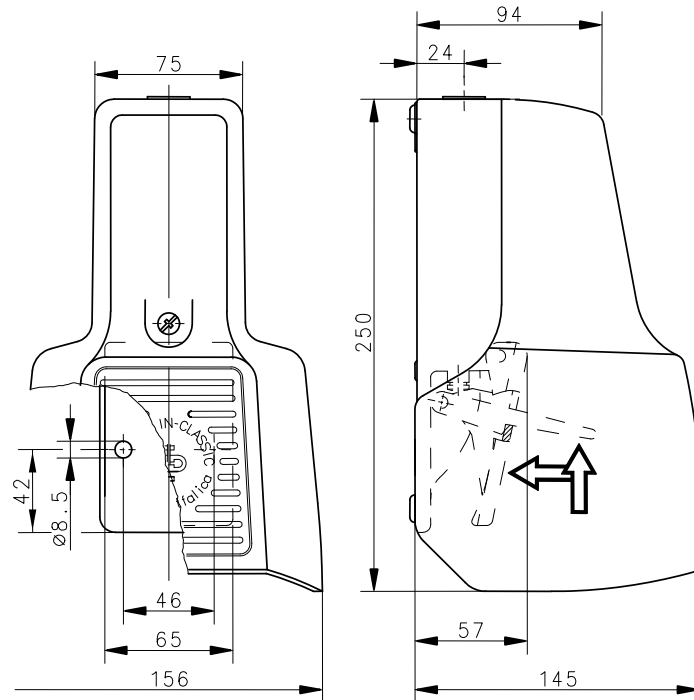
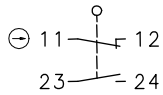
## Foot-switch

### Series F1 UN

Description **F1-U1ZAT UN**

Article number **6161600400**

#### Switching 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
Positive opening NC contact	⊖	IEC/EN 60947-5-1
Short-circuit protective device		Fuse 10 A gG IEC/EN 60947-5-1, Annex K
Protection class		I

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual qualities from the qualities described herein are explicitly excluded. All rights reserved. Specifications subject to change without notice!

Date of issue: 03.12.2012 / Page 1 of 2  
Document: 6161600400\_en / Last update: 2 / 2522-12

# Technical Data

## Foot-switch

Mechanical data	
Enclosure	AL, die-cast
Protective guard (Accident protection cover UN)	AL, die-cast
Actuator	Foot lever (PA)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C., 1 N.O. (Zb)
Operating force	approx. 10 N (pedal centre)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	max. 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 <sup>2</sup> Litz wire with or without ferrules: 0,5 – 1,5 mm <sup>2</sup>
Cable entrance	1 x M20 x 1,5
Weight	approx. 1,5 kg
Protection type	IP65 in accordance with IEC/EN 60529

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

Regulations	
	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 2006/42/EC

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

**Notes**

The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.