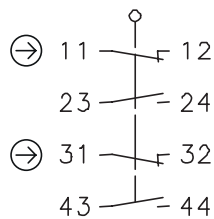


Foot-switch Series F1

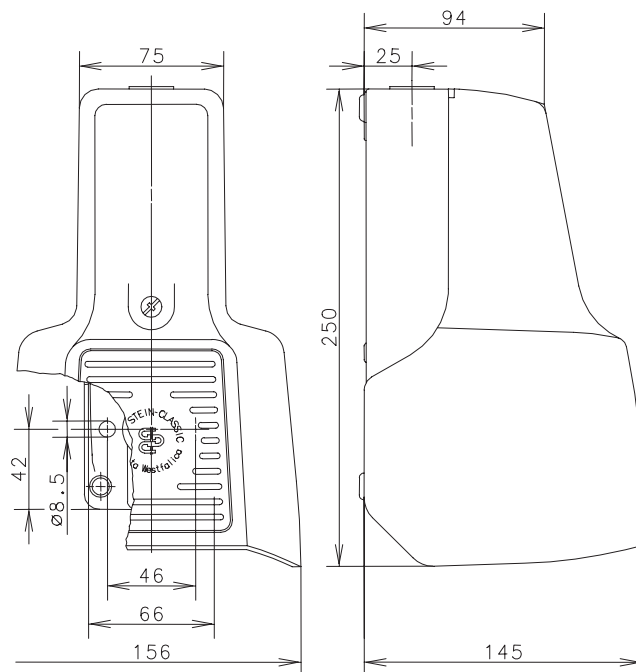
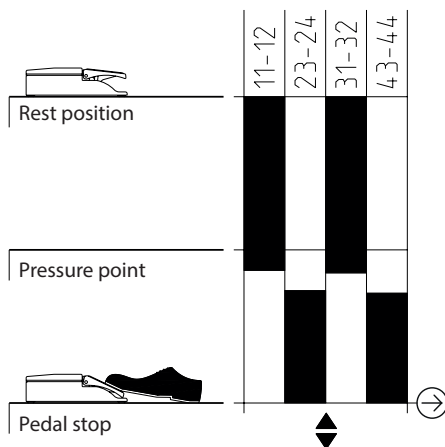
Description **F1-U2ZD UN**

Article number **6061600010**

Operating symbol



Switching diagram



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, U_i 400 V	
Direct opening action	⊙	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	2 N.C. / 2 N.O. (Zb)
Operating force	≈ 10 N (pedal centre)
Pressure point	200 N ± 10 % (pedal centre)
Mechanical life	
without actuating the pressure point	10 x 10 ⁶ switching cycles
with actuating the pressure point	1 x 10 ⁶ switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Number of connections	8
Protection ground	2 x M4
Conductor cross-sections	0,5 – 1,5 mm ² (solid or stranded wire with ferrules)
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

ID for safety engineering	
B10d (@ DC-13; 24 V; I _{e2} = 0,1 A)	20 x 10 ⁶ switching cycles
	with pressure point 2 x 10 ⁶

Standards	
	DIN EN 60947-5-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2006/42/EC (Machinery Directive)

Approvals	
	cCSA _{US} A300 (same polarity)
	CCC

Notes	
The degree of protection specified (IP code) applies only to a properly closed protective guard and the use of an equivalent cable gland with adequate cable.	