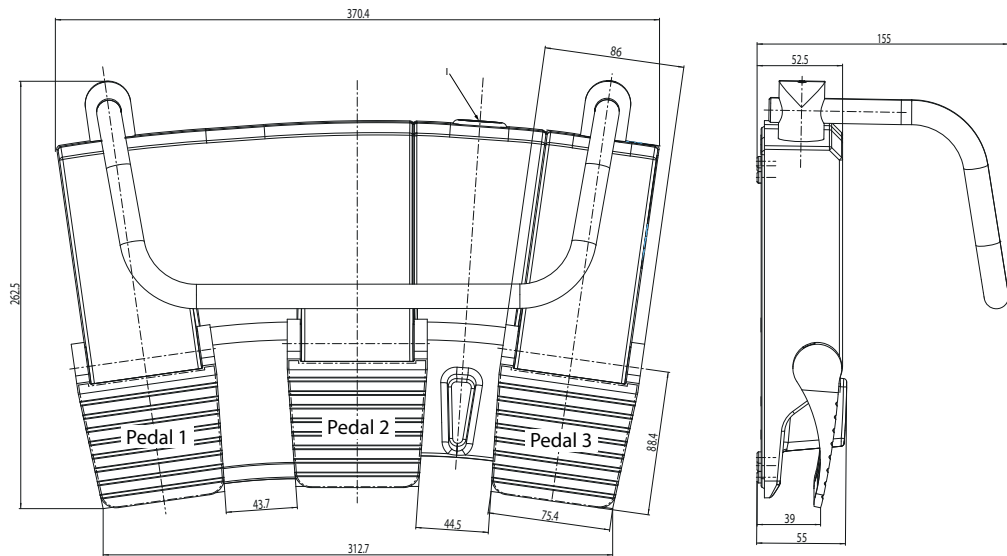
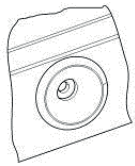


Foot-switch Series MF3

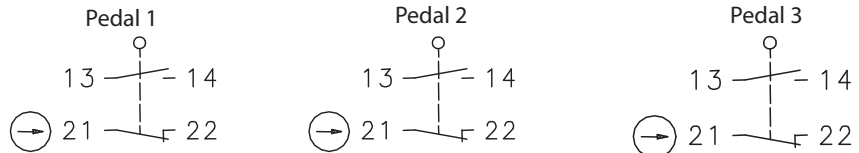
Description **MF3-500-500/500-BIS-0**

Article number **6060300032**

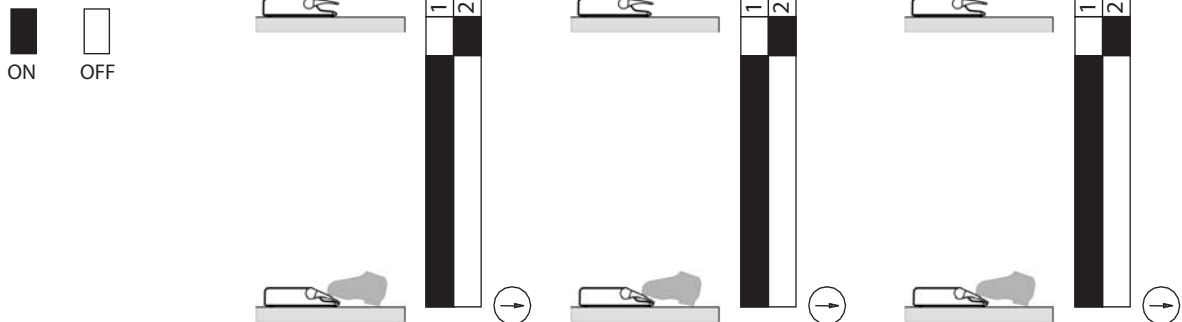
I-Cable gland
Typ inside



Switching symbol



Operating diagramme




Electrical Data		
Rated operational voltage	U_e	$\leq 30 \text{ V DC}$
Rated operational current	I_e	$\leq 0,5 \text{ A}$
Direct opening action	\rightarrow	acc. to IEC/EN 60947-5-1, annex K
Protection class		I

Mechanical data		
Enclosure		AL, die-cast (powder-coated), Pantone Cool Gray 2c
Cover		AL, die-cast (powder-coated), Pantone Cool Gray 2c
Actuator		3 Pedals (Thermoplastic), RAL 7036 platinum gray
Ambient air temperature	$t = \infty$	$-10 \text{ °C} \leq T \leq +80 \text{ °C}$
	$t \leq 2 \text{ h (cleaning)}$	$-10 \text{ °C} \leq T \leq +95 \text{ °C}$
Normal use condition	temperature	$+10 \text{ °C} \leq T \leq +40 \text{ °C}$
	air humidity	5 % ... 95 % - no condensation
	atmospheric pressure	700 hPa ... 1060 hPa
Storage and transport condition	temperature	$-20 \text{ °C} \leq T \leq +80 \text{ °C}$
	air humidity	5 % ... 95 % - no condensation
	atmospheric pressure	700 hPa ... 1060 hPa
Contact type		3 Changover (Zb)
Operating force (pedal centre)		$15 \text{ N} \pm 10 \%$
Mechanical life		$> 1 \times 10^6$ operating cycles
Switching frequency		max. 50/min
Connection		screw terminals
Conductor cross-sections		Solid: 0,5 – 1,5 mm ²
		Litz wire with ferrules: 0,5 – 1,5 mm ²
Protective conductor terminal		1 x M4
Shield support		with shield support and strain relief
Cable entrance		1 x cable gland inside M16 x 1,5 (clamp-range 7 – 12 mm)
Weight		$\approx 4,27 \text{ kg}$
Protection type		IP68 acc. to IEC/EN 60529 (0,15 bar / 1 h)

ID for safety engineering	
B10d	2×10^6 cycles

Regulations	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	VDE 0470 T1 (09.00), DIN EN 60529
	UL 60601-1
	DIN EN ISO 13849-1

EU Conformity
acc. to directive 2006/42/EC

Approvals
Only if approved components are used. 

Test
AP

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. Selection of components and installation of the grounding equipment conductor must fulfil DIN EN 60601-1 requirements.