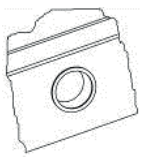


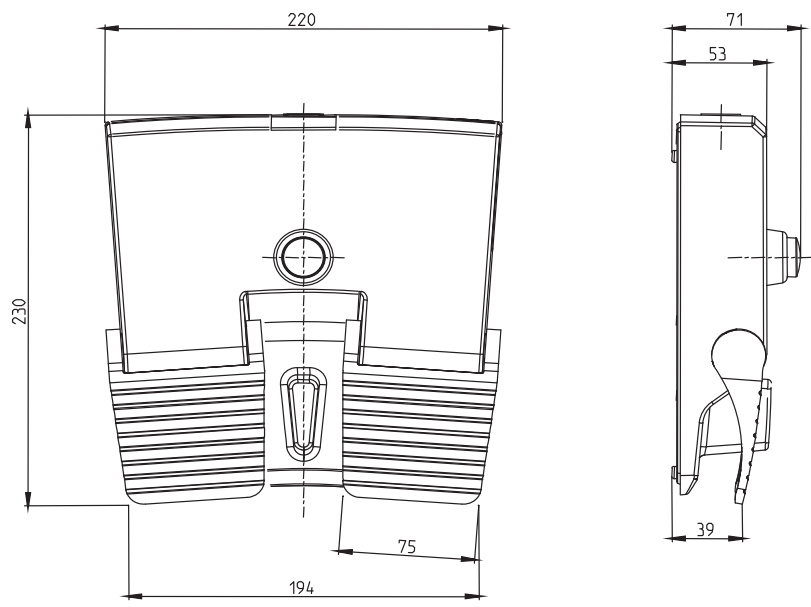
# Foot-switch Series MF2

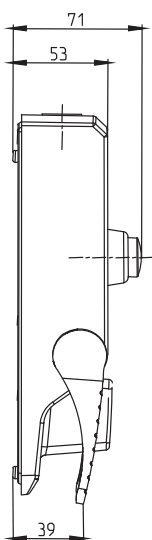
Description **MF2-500-500-IKT-99**

Article number **6060200010**

**S-plug**

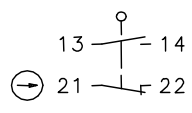




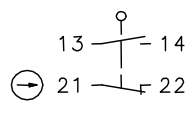


**Switching symbol**

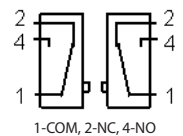
Pedal 1



Pedal 2



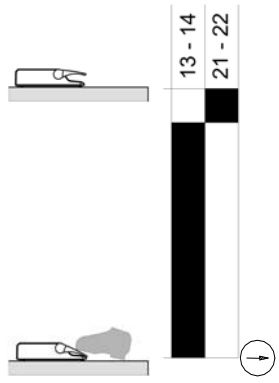
Pushbutton

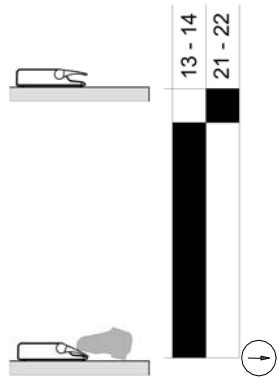


1-COM, 2-NC, 4-NO

**Operating diagramme**

ON
  OFF






Electrical Data	
Protection class	I
Switch insert (Pedal 1 and 2)	
Rated operational voltage	$U_e \leq 30 \text{ V DC}$
Rated operational current	$I_e \leq 0,5 \text{ A}$
Contact type	2 changeover contact
Direct opening action	↻ acc. to IEC/EN 60947-5-1, Annex K (pedal stop)
Pushbutton	
Rated operational voltage	$U_e \leq 30 \text{ V DC}$
Rated operational current	$I_e \leq 0,5 \text{ A}$
Contact type	2 x changeover contact (Zb)

Mechanical data	
Enclosure	AL, die-cast (powder-coated), Pantone Cool Gray 2c
Cover	AL, die-cast (powder-coated), Pantone Cool Gray 2c
Actuator	2 Pedals (Thermoplastic), RAL 7036 (platinum gray) 1 Pushbutton stainless steel
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
Operating force (pedal centre)	$15 \text{ N} \pm 10 \%$
Mechanical life	$> 1 \times 10^6$ operating cycles
Switching frequency	max. 50/min
Connection	Pushbutton Blade connector 2.8 x 0.5 x 8.1 mm Switch element (Pedals) Screw connection
Conductor cross-sections	Switch element (Pedals) Solid: 0,5 – 1,5 mm <sup>2</sup> Litz wire with ferrules: 0,5 – 1,5 mm <sup>2</sup>
Protection ground	2 x M4
Cable entrance	1 x M20 x 1,5
Weight	≈ 1,7 kg
Protection type	IPX8 acc. to IEC/EN 60529 (0,15 bar / 1 h)

ID for safety engineering	
B10d	$2 \times 10^6$ operating cycles

Regulations	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	IEC 60601-1
	DIN EN ISO 13849-1

EU Conformity	
	acc. to directive 2006/42/EC

<b>Approvals</b>	
Only if approved components are used	c 
<b>Test</b>	
AP	
<b>Notes</b>	
<p>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.</p> <p>Selection of components and installation of the grounding equipment conductor must fulfil IEC 60601-1 / UL 60601-1 requirements.</p>	