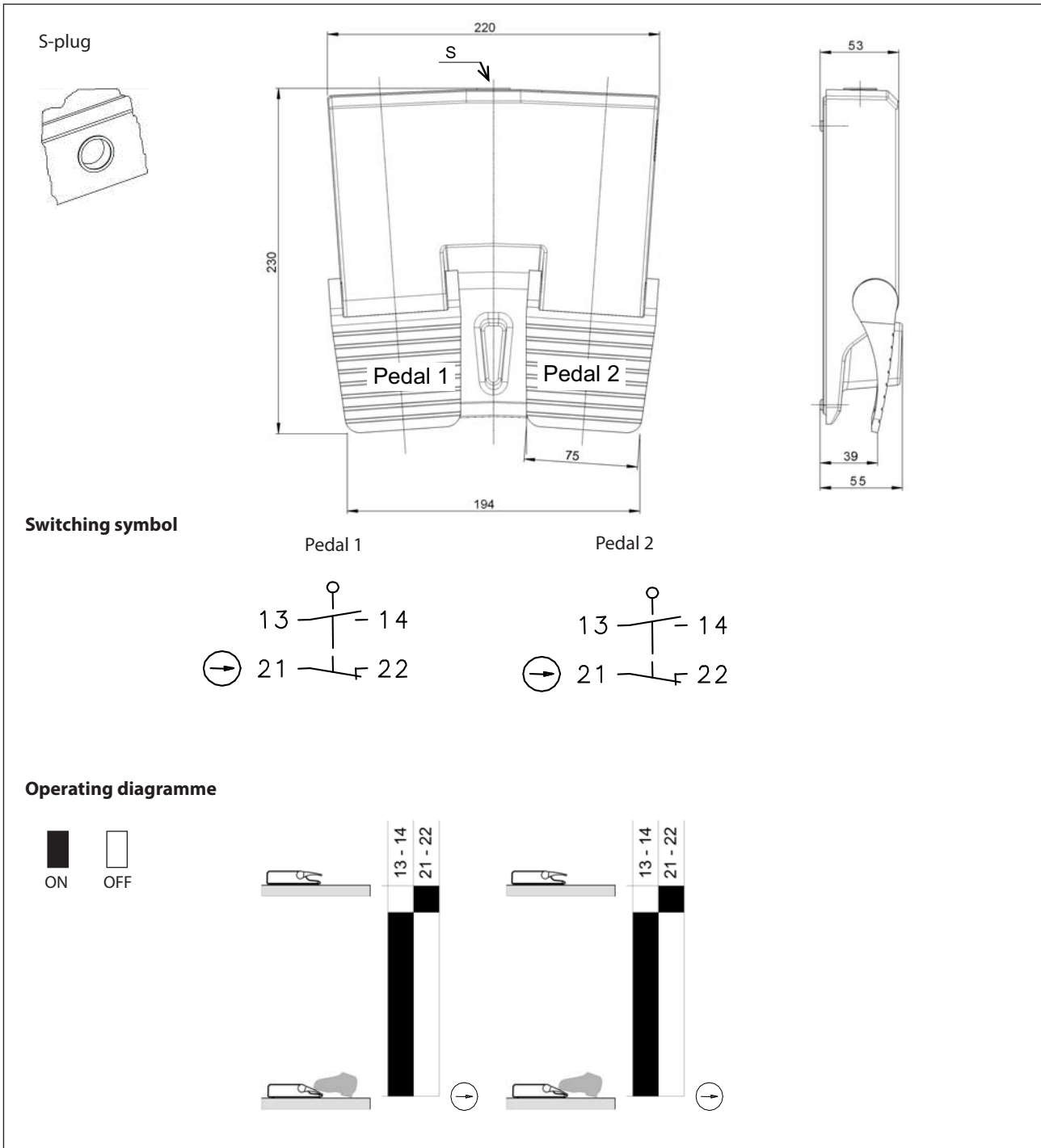


Foot-switch Series MF2

Description **MF2-500/500-0-0**

Article number **6060200003**




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	⊕ 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	2 Pedals (Thermoplastic), RAL 7036 (platinum gray)
Ambient air temperature	$t = \infty$ $t \leq 2 \text{ h (cleaning)}$
	$-10 \text{ °C} \leq T \leq +80 \text{ °C}$ $-10 \text{ °C} \leq T \leq +95 \text{ °C}$
Normal use condition	temperature air humidity atmospheric pressure
	$+10 \text{ °C} \leq T \leq +40 \text{ °C}$ 5 % ... 95 % - no condensation 700 hPa ... 1060 hPa
Storage and transport condition	temperature air humidity atmospheric pressure
	$-20 \text{ °C} \leq T \leq +80 \text{ °C}$ 5 % ... 95 % - no condensation 700 hPa ... 1060 hPa
Contact type	2 changeover (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 connection
Conductor cross-sections	Solid: 0,5 – 1,5 mm ² Litz wire with ferrules: 0,5 – 1,5 mm ²
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	2×10^6 cycles

Regulations	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
	IEC 60601-1
	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 degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable. Selection of components and installation of the grounding equipment conductor must fulfil IEC 60601-1 / UL 60601-1 requirements.	