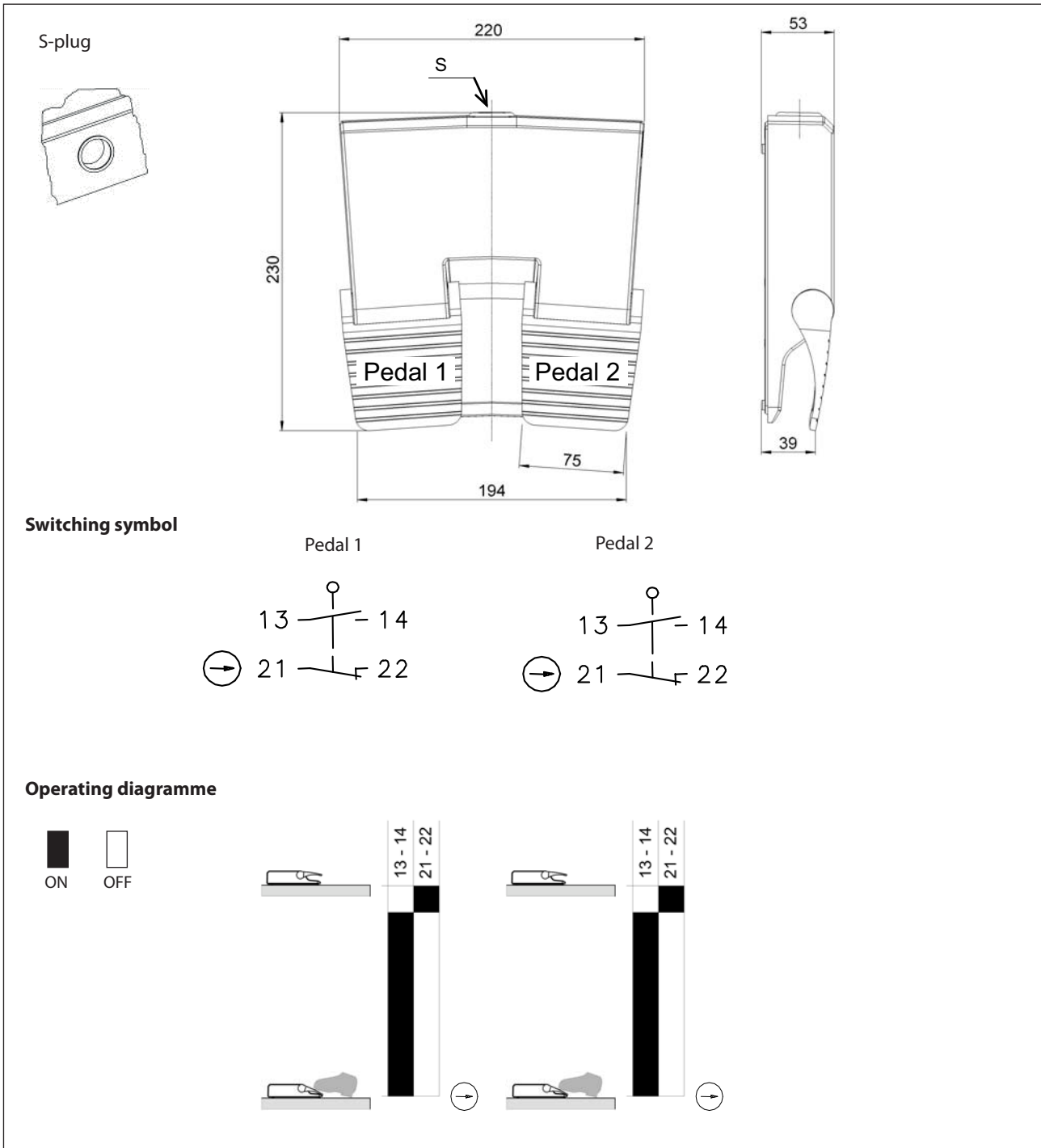


Foot-switch
Series MF2

Description **MF2-500-500-S-0**

Article number **6060200035**




Electrical Data		
Rated operational voltage	U_e	≤ 30 V DC
Rated operational current	I_e	$\leq 0,5$ A
Direct opening action	p	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), Pedal 1 RAL 1004 (golden yellow) Pedal 2 RAL 5015 (sky blue)
Ambient air temperature	$t = \infty$ $t \leq 2$ 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
Shield support		with shield support and strain relief
Cable entrance		1 x M20 x 1,5
Weight		$\approx 1,7$ 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 (Safety-of-Machinery-Directive)

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.	