

The foot pedal FE-FS1-U1/U1-U is equipped with switching elements, which contains one NC and one NO contact. It may e.g. be used for the selection of AKAS® Box bending function or opening of a press.

Switching diagram:

Left pedal:

	free position	pressed down
23-24		
11-12		

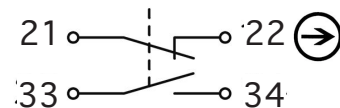
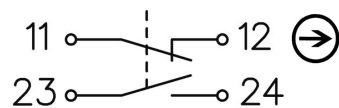
Contact closed ■
 Contact open □

Right pedal:

	free position	pressed down
33-34		
21-22		

Contact closed ■
 Contact open □

Switching elements:



Execution	2 aluminum foot pedal heavy version free standing on slip elastic feet
Operating voltage	max. 500 VAC, 40-60Hz
Switching current	max. 10 A. For inductive and capacitive loads, a contact protection must be provided.
Operations	min. 10 Mio.
Contact Material	Silver
Connection type	Screwterminal
Electrical connection	0,5-1,5 mm ²
Cable entry	1x M20x1,5 (middle), 2x PG13,5
Switching insert	Left pedal: 1 changeover contact, positive opening
	Right pedal: 1 changeover contact, positive opening
Switching function	Left pedal: Changeover
	Right pedal: Changeover
Switching system	Left pedal: Creep mechanism
	Right pedal: Creep mechanism
Housing	Die cast aluminum, powder-coated RAL 7021 (dark gray)
Pedal	Die cast aluminum, powder-coated RAL 7021 (dark gray)
Accident cover	Die cast aluminum, powder-coated
Attachment	For mounting of the footpedal in the housing bottom (pedal area) are provided 2xØ4,5 and 2xØ6,5 holes (see drawing). Here threads can be cut. Alternatively, the rubber feet can be removed and these threads can be used as a mounting option.
Protection type	IP65 to IEC/EN 60529
Operating temperature	-30°C to +80°C
Regulations	IEC/EN 60947-5-1
Order code	FE-FS2-U1/U1-U-XX (XX = RD = cover firered RAL 3000)

Additional information:

Any modification of the foot pedal and its components will void the warranty and product liability.

In particular, lifting the die-cast aluminum pedal against the upper stop and driving out the retaining pin are prohibited.

This can cause the foot pedal to malfunction and thus lead to a loss of safety!