

# Safety footswitch

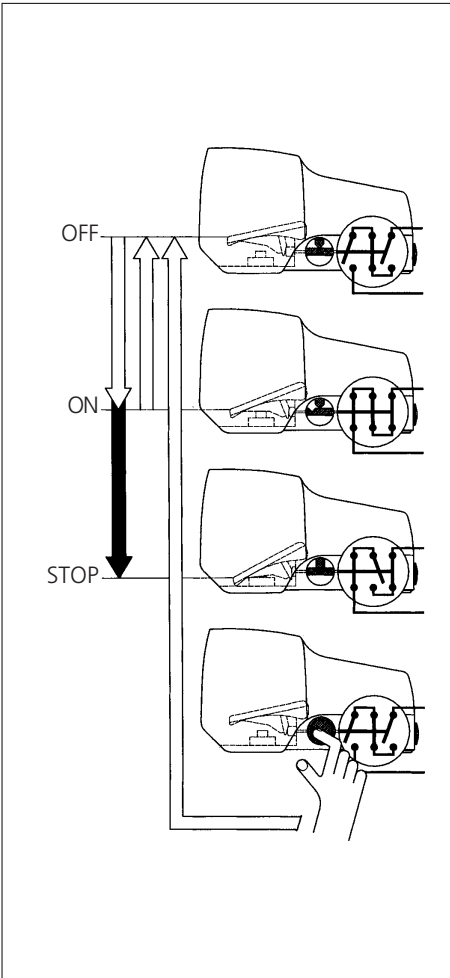
Safety latch with manual reset

Protection class IP 65



Designation		F1-SU1Z/UV1 DUN
<b>Part number</b>		<b>616.1000.203</b>
Circuit diagram		<p>1) pressure point</p> <p>2) latch</p>
Slow make & break/snap action		●●
Pressure point		●
Latching switch		●
Potentiometer		-
Pedal interlocking		-
Emergency stop function		-
Power contactor		●
Voltage		max. 500 V AC
Permanent current		max. 10 A
In-rush current complies with standards		●
IEC 947-5-1 AC 15/DC 13		
Switching frequency		max. 50/min.
Mechanical life – number of switching actions		10 x 10 <sup>6</sup>
Mechanical life – number of revolutions		
Operating temperature		min./max. -30 °C/+80 °C -22 °F/+176 °F
Approvals		BG, UL, CSA
Cable entry		1 x M 20
Weight		1.50 kg/3.3 lb
Delivery: ex-stock/built to order		●/-

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1. Depressing the pedal to the pressure point closes the contact and the operating process starts.
2. In an emergency situation the pressure point is overcome – the contact is opened and locked – the operating process is then interrupted. The latching mechanism holds the contact in the off position ensuring that an uncontrolled restart or new start of the machine cannot happen.
3. Interlocking: Only by releasing the locking device manually (reset button on the side of the housing), after the dangerous situation has been cleared, can the contacts be set to normal again. The operating process can then be repeated by operating the pedal to the pressure point.

All dimensions in mm (inch)

