

# Footswitches

## Selection table: contact arrangements

- Catalogue model (stock item or to order)
- Technically possible (to special order)
- not available

## Options

- EEx certificated versions available acc. ATEX 100 a guideline 94/9/EG  
 Ⓜ II 2 G EEx d II C T6  
 TÜV 03 ATEX 2043 X

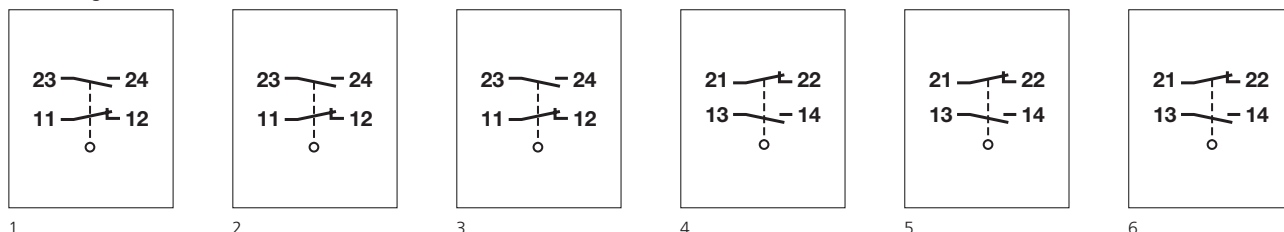


## Contacts/Pedals

## Additional features

Function	Contacts	Circuit diagram	Contacts Ref:	Additional features
Slow make & break	1NC/1NO	1	U1/U1Z	
Slow make & break	1NC/1NO	2	U1	Latch switch
Slow make & break	1NC/1NO	3	U1	Emergency stop button
Slow make & break	1NC/1NO	6	U1	Latch switch
Snap action	1NC/1NO	4	SU1/SU1Z	
Snap action	1NC/1NO	5	SU1Z	Pressure point
Snap action	1NC/1NO	7	SU1Z	Power contactor
Snap action	1NC/1NO	8	SU1Z	Latch switch/power contactor
Snap action	2NC/2NO	9	SU1 Mi	Potentiometer
Snap action/slow make & break	1NC/2NO	10	SU1Z/UV1	Safety function with pressure point
Slow make & break	2NC/2NO	11	U2Z	
Slow make & break	2NC/2NO	12	U2Z	Pressure point
Snap action	2NC/2NO	13	SU2Z	
			Electronic output	ES
			Pedal protection	PS
			Pedal latch	AT
			Foot support	FS
			Drop down pedal guard	UK

## Circuit diagrams



**Ordering instructions for footswitches**

The following part numbers or type references of our catalogue versions are sufficient to place an order for a Bernstein footswitch. To ensure correct supply of footswitches with non-standard contact combinations or accessories, which are not shown in the catalogue we require the exact type reference.

1. **Type**  
of footswitch requested – F1, F2, F3 or FG
2. **Number and type of contact inserts**  
for multiple-pedal switches, list in order from left to right.  
Example: F3-U1Z/SU1Z/U2Z

3. **Information about additional functions, design or pedal accessories**  
This must be indicated in the type reference directly after the appropriate contact element.  
Example: With latch & pressure point – F3-U1Z/SU1Y/U2ZD

Type	Pedal 1	Pedal 2		Pedal 3		Pedal independent addition		
<b>F1</b>	–	Contact type	Additional function			Accessory		
<b>F2</b>	–	Contact type	Additional function	Contact type	Additional function	Accessory		
<b>F3</b>	–	Contact type	Additional function	Contact type	Additional function	Contact type	Additional function	Accessory

Example:

<b>F3</b>	–	U1		SU1 Y		U2 D		UN
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**Type F1**  
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**Type F1 UN**  
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**Type F2**  
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**Type F2 UN**  
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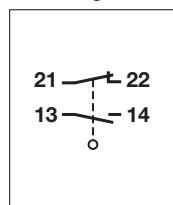
**Type F3**  
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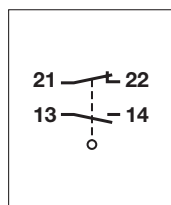
**Type F3 UN**  
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●	●	●	●	●	●
●	●	○	○	○	○
–	●	–	○	–	○
○	○	○	○	○	○
●	●	○	●	○	○
○	○	○	●	○	○
–	○	–	○	–	○
–	○	–	○	–	○
●	○	○	○	○	○
–	●	–	○	–	–
●	●	●	●	○	○
●	●	○	●	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	● U1Z	○	○	○	○
○	○	○	○	○	○
○	–	–	–	–	–

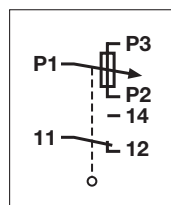
**Circuit diagrams**



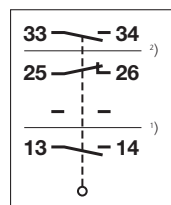
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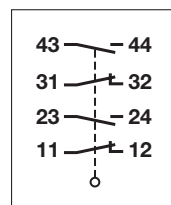
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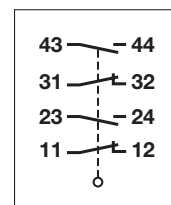
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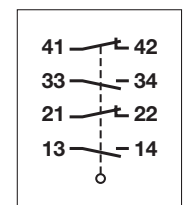
10 <sup>1)</sup> Pressure point  
<sup>2)</sup> Latch



11



12



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