

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

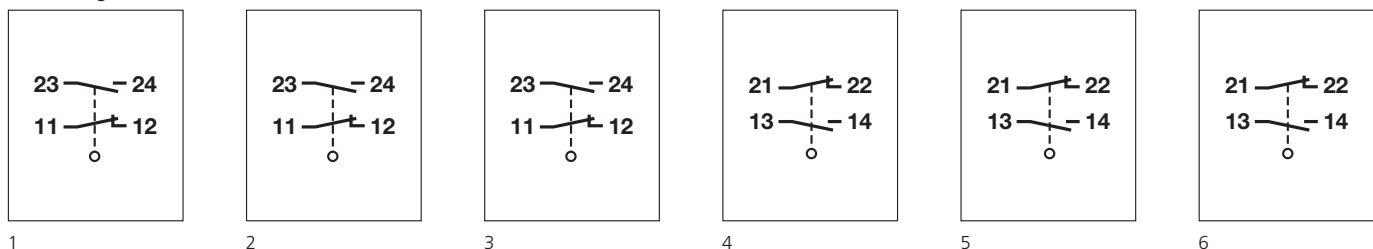


Contacts/Pedals

Additional features

Function	Contacts	Circuit diagram	Contacts Ref:	Additional features Ref:	
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	NA2
Slow make & break	1NC/1NO	6	U1	Latch switch	Y
Snap action	1NC/1NO	4	SU1/SU1Z		
Snap action	1NC/1NO	5	SU1Z	Pressure point	D
Snap action	1NC/1NO	7	SU1Z	Power contactor	LS 22
Snap action	1NC/1NO	8	SU1Z	Latch switch/power contactor	Y/LS 22
Snap action	2NC/2NO	9	SU1 Mi	Potentiometer	RG
Snap action/slow make & break	1NC/2NO	10	SU1Z/UV1	Safety function with pressure point	D
Slow make & break	2NC/2NO	11	U2Z		
Slow make & break	2NC/2NO	12	U2Z	Pressure point	D
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.

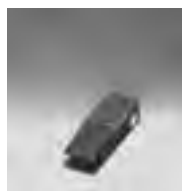
1. **Type**
of footswitch requested – F1, F2, F3 or FG
2. **Number and type of contact inserts**
for multiple-pedal switches, list in order from left to right.
Example: F3-U1Z/SU1Z/U2Z

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
F1	–	Contact type	Additional function			Accessory
F2	–	Contact type	Additional function	Contact type	Additional function	Accessory
F3	–	Contact type	Additional function	Contact type	Additional function	Contact type

Example:

F3	–	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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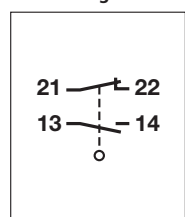
Type F3
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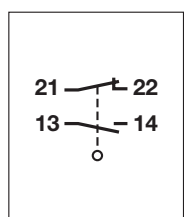
Type F3 UN
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●	●	●	●	●	●
●	●	○	○	○	○
–	●	–	○	–	○
○	○	○	○	○	○
●	●	○	●	○	○
○	○	○	●	○	○
–	○	–	○	–	○
–	○	–	○	–	○
●	○	○	○	○	○
–	●	–	○	–	–
●	●	●	●	○	○
●	●	○	●	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	● U1Z	○	○	○	○
○	○	○	○	○	○
○	–	–	–	–	–

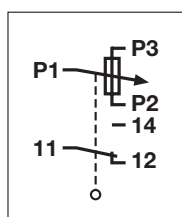
Circuit diagrams



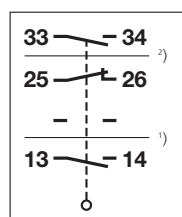
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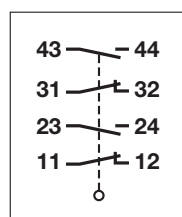


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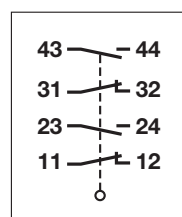


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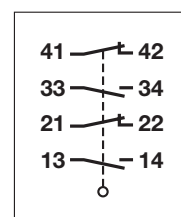
¹⁾ Pressure point
²⁾ Latch



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