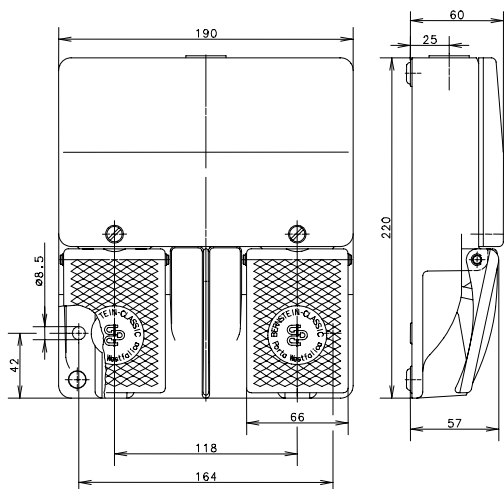
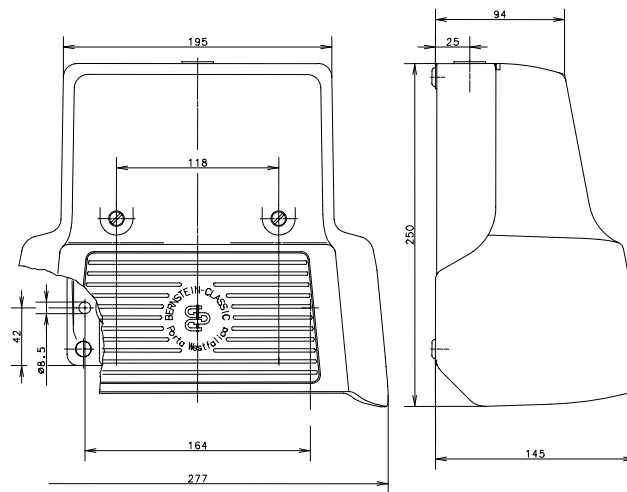


### Foot-switch (2 pedals) Protective guard UN





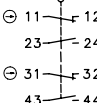
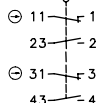
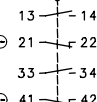
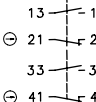


**F2**

Standard



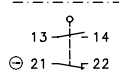
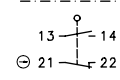
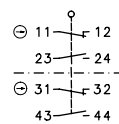
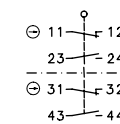
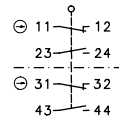
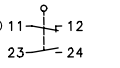
**F2 (UN)**

Left pedal (Switching symbol)	Right pedal (Switching symbol)	Contact type	F2 With cover	F2 With protective guard
<p><b>U1Z</b></p>  <p>Slow-action contact</p>	<p><b>U1Z</b></p>  <p>Slow-action contact</p>	2 N.C. 2 N.O. (Zb)	6062110013 F2-U1Z/U1Z with BG (see page 5)	6062610014 F2-U1Z/U1Z UN with BG (see page 5)
<p><b>SU1Z</b></p>  <p>Snap-action contact</p>	<p><b>SU1Z</b></p>  <p>Snap-action contact</p>	2 N.C. 2 N.O. (Zb)	6062330021 F2-SU1Z/SU1Z with BG (see page 5)	6062830022 F2-SU1Z/SU1Z UN with BG (see page 5)
<p><b>U2Z</b></p>  <p>Slow-action contact</p>	<p><b>U2Z</b></p>  <p>Slow-action contact</p>	4 N.C. 4 N.O. (Zb)	6062220015 F2-U2Z/U2Z with BG (see page 5)	6062720016 F2-U2Z/U2Z UN with BG (see page 5)
<p><b>SU2Z</b></p>  <p>Snap-action contact</p>	<p><b>SU2Z</b></p>  <p>Snap-action contact</p>	4 N.C. 4 N.O. (Zb)	---	6062940066 F2-SU2Z/SU2Z UN with BG (see page 5)

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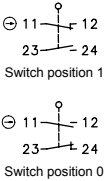
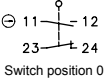
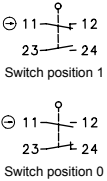
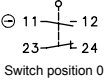
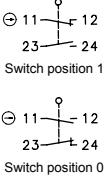
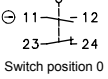
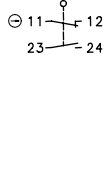
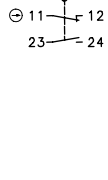
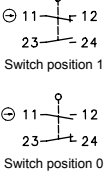
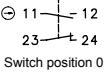
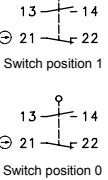
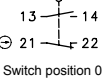


### Pressure point (D)

Left pedal (Switching symbol)	Right pedal (Switching symbol)	Contact type	F2 With cover	F2 With protective guard
<p><b>SU1ZD</b></p> <p>Pressure point</p>  <p>Snap-action contact</p>	<p><b>SU1ZD</b></p> <p>Pressure point</p>  <p>Snap-action contact</p>	<p>2 N.C. 2 N.O. (Zb)</p>	<p>---</p> <p>---</p>	<p>6062830417 F2-SU1ZD/SU1ZD UN with BG (see page 5)</p>
<p><b>U2ZD</b></p> <p>Pressure point</p>  <p>Slow-action contact</p>	<p><b>U2ZD</b></p> <p>Pressure point</p>  <p>Slow-action contact</p>	<p>4 N.C. 4 N.O. (Zb)</p>	<p>6062220019 F2-U2ZD/U2ZD with BG (see page 5)</p>	<p>6062720020 F2-U2ZD/U2ZD UN with BG (see page 5)</p>
<p><b>U2ZD</b></p> <p>Pressure point</p>  <p>Slow-action contact</p>	<p><b>U1Z</b></p> <p>Pressure point</p>  <p>Slow-action contact</p>	<p>3 N.C. 3 N.O. (Zb)</p>	<p>---</p> <p>---</p>	<p>6062710376 F2-U2ZD/U1Z UN</p>

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### Latch Contact (Y)

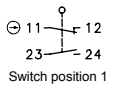
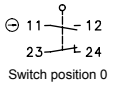
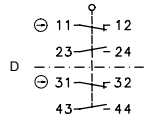
Left pedal (Switching symbol)	Right pedal (Switching symbol)	Contact type	F2 With cover	F2 With protective guard
<p><b>U1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Slow-action contact</p>	<p><b>U1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Slow-action contact</p>	2 N.C. 2 N.O. (Zb)	6062110017 F2-U1ZY/U1ZY	6062610018 F2-U1ZY/U1ZY UN
<p><b>U1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Slow-action contact</p>	<p><b>U1Z</b></p>  <p>Slow-action contact</p>	2 N.C. 2 N.O. (Zb)	6062110368 F2-U1ZY/U1Z	6062610047 F2-U1ZY/U1Z UN
<p><b>U1Z</b></p>  <p>Slow-action contact</p>	<p><b>U1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Slow-action contact</p>	2 N.C. 2 N.O. (Zb)	---	6062610078 F2-U1Z/U1ZY UN
<p><b>SU1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Snap-action contact</p>	<p><b>SU1Z</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Snap-action contact</p>	2 N.C. 2 N.O. (Zb)	6062330449 F2-SU1ZY/SU1Z	---

Switch position 1: normally closed contact: closed, Make contact: open (self-holding contact)  
 Switch position 0: normally closed contact: open, Make contact: closed (self-holding contact)

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### Latch Contact (Y) / Pressure point (D)

Left pedal (Switching symbol)	Right pedal (Switching symbol)	Contact type	F2 With cover	F2 With protective guard
<p><b>U1ZY</b></p>  <p>Switch position 1</p>  <p>Switch position 0</p> <p>Slow-action contact</p>	<p><b>U2ZD</b></p>  <p>Slow-action contact</p>	<p>2 N.C. 2 N.O. (Zb)</p>	<p>---</p> <p>---</p>	<p>6062620111 F2-U1ZY/U2ZD UN</p>

Switch position 1: normally closed contact: closed, Make contact: open (self-holding contact)

Switch position 0: normally closed contact: open, Make contact: closed (self-holding contact)

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### General data

Electrical data		
Rated insulation voltage	$U_i$	400 VAC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, $U_e/I_e$ 240 V / 3 A
Zwangsöffnung	⊖	nach IEC/EN 60947-5-1, Anhang K (pedal stop)
Short-circuit protective device		Fuse 10 A gL/gG (slow-action contact) Fuse 2 A gL/gG (snap-action contact)
Protection class		I

Mechanical Data	
Enclosure	AL
Cover	AL
Protective guard (Accident protection cover UN)	AL
Actuator	Foot lever (PA)
Ambient air temperature	-30 °C ... +80 °C
Operating force (standard)	≈ 10 N (pedal centre)
Mechanical life	10 x 10 <sup>6</sup> switching cycles
Switching frequency	≤ 50/min
Assembly	2 x M8
Connection	Screw connections (M3,5)
Protection ground	2 x M4
Conductor cross-sections	Solid: 0,5 ... 1,5mm <sup>2</sup> Litz wire with ferrules: 0,5 ... 1,5mm <sup>2</sup>
Cable entry	1 x M20x1,5
Weight including cover	≈ 1,7 kg
Weight including protective guard	≈ 2,6 kg
Protection type	IP65 acc. to IEC/EN 60529

<b>Standards</b>	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
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<b>EU Conformity</b>	CE
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Approvals	
	BG
	cCSA <sub>US</sub> A300, Q300 (same polarity)

**Notes**  
Tapped holes not in use must be closed with blind plugs. The degree of protection (IP code) specified applies only to a properly closed cover and in connection with the appropriate cable glands or blind plugs.