Bernstein
Bernstein AG
Postfach 1164
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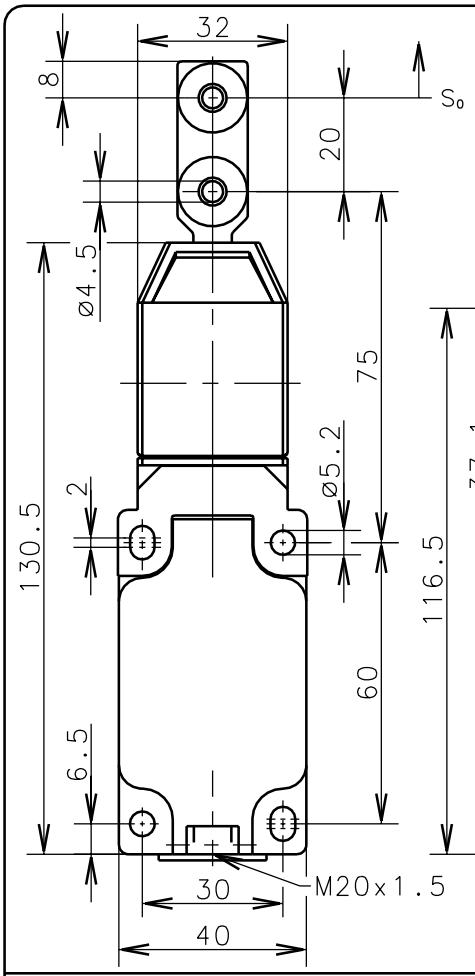
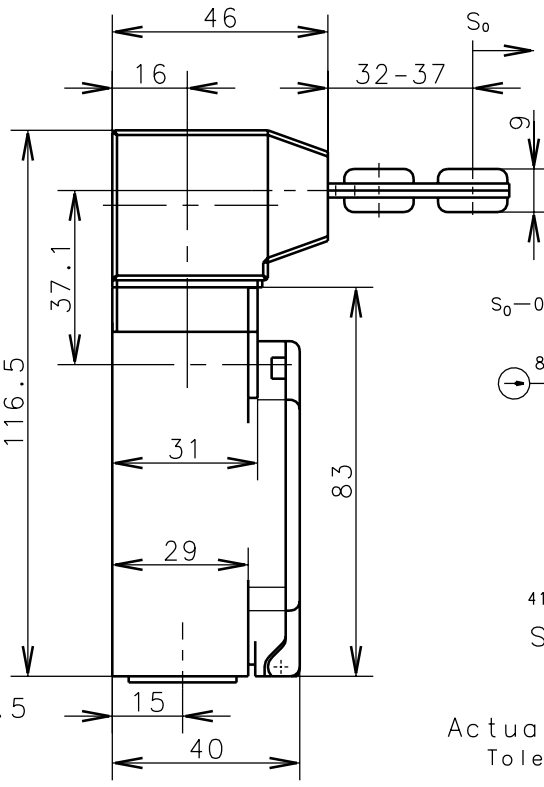
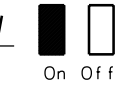
Technical data sheet

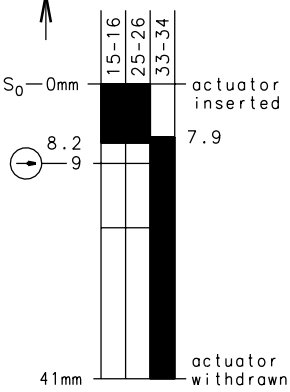
ENK-UV15Z VTU | 601.6669.154



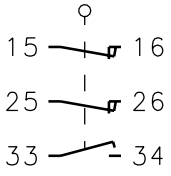


Positive opening operation according to DIN EN 60947-5-1 IEC 60947-5-1





Switching diagram



Switching symbol

Actuating force approx. 20N
Tolerance: actuating force ±10%

Mechanical features	
Enclosure:	Thermoplast, glass fibre reinforced
Cover:	Thermoplast, glass fibre reinforced
Actuator:	Separate actuator (St/PA), actuating head (PA6 GV/Zn-GD)
Ambient air temperature:	-30°C up to +80°C
Contact type:	2 NC-contacts, 1 NO-contact (Zb)
Mechanical life:	$1x10^6$ switch operations
Switch frequency:	max. 30/min
Mounting:	4 x M5
Connection type:	6 screw connections (M3)
Conductor cross-section:	single core 1x0.5-1.5mm² / litz wire with connector sleeve 0.5-1.5mm²
Cable entry size:	1 x M20x1.5
Weight:	approx. 0,23 kg
Electrical features	
Max. Voltage:	400 V AC
Max. enduring current:	I_{the} 6A
Max. inrush current:	according to IEC 60947-5-1; AC 15, B300
Utilization categorie:	AC 15, B300 240V/1.5A
Standards:	according to EN 60947-1; EN 60947-5-1
Protection class (IP-Code):	IP65 according to EN 60529; DIN VDE 0470 T1
Short-circuit protection:	Fuse 6A gL/gG, IEC/EN 60947-5-1, appendix K

Remarks

Minimum actuating radius R_{min} =400mm; velocity for actuating V_{max} =0.5m/s.
Do not use this safety switch as a mechanical end stop.
Eight different actuating directions achievable by rotating the actuating head in steps 45°.
Changing between horizontal and vertical actuating direction by setting the actuating head in the requested direction.
The planned protection class (IP-Code) is valid only at closed cover and when using an at least equivalent cable gland.

Schutzvermerk nach DIN 34 beachten
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Copies are not retreated in case of alternations.