

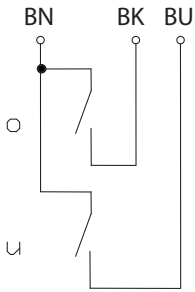
Float switch

Series Standard-Float switch

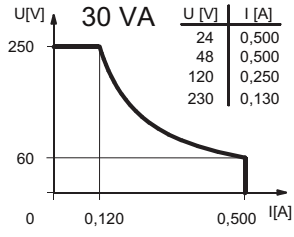
Description **MA -722 KVS 0384**

Article number **6825101037**

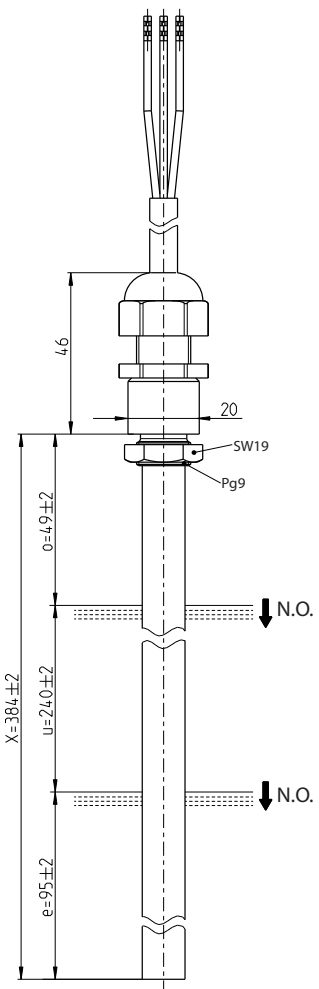
Wiring diagram
(non-actuated state)



Performance diagram



U [V]	I [A]
24	0,500
48	0,500
120	0,250
230	0,130



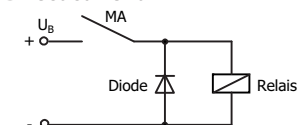
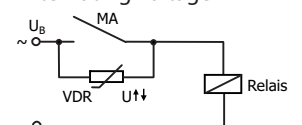
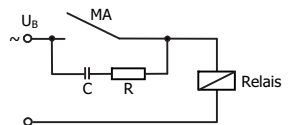
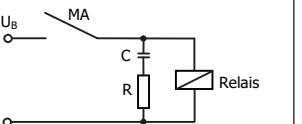
Characteristic features in accordance with EN 60947-5-1

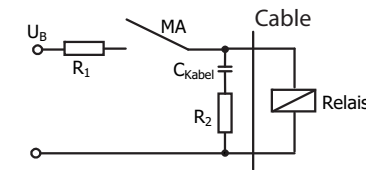
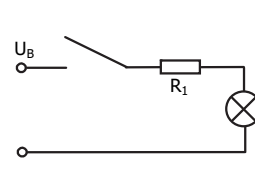
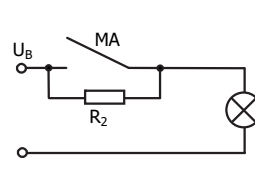
Electrical data	
max. switching voltage	250 V
max. switching current	0,5 A
max. switching capacity	30 VA
mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element	2 x N.O., falling level
Protection class	II (totally insulated)

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Cable gland	PA6.6
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	NBR
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 3 x 0,75 mm ² x 1,6 m ± 5 %, silicone
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	10 bar

EU Conformity
acc. to directive 2006/95/EC

General details
<p>Repeatability of switching points is $\pm 0,05$ mm based on the same geometrical conditions as of a switch device. The measures of the switching points refer to a fluid-density of 1 g/cm³. The tolerance of the switching points is ± 2 mm Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!</p>

Inductive loads
<div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p>Direct current</p>  <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="width: 24%;"> <p>Alternating voltage</p>  <p>Suppression of voltage peaks with a VDR</p> </div> <div style="width: 24%;">  <p>Suppression of voltage peaks with an RC element</p> </div> <div style="width: 24%;">  </div> </div>

Capacitive loads and lamp loads
   <p>Contact protection with resistors for limiting current</p>