

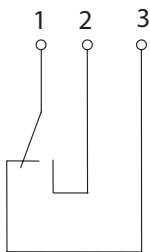
Float switch

Series Standard-Float switch

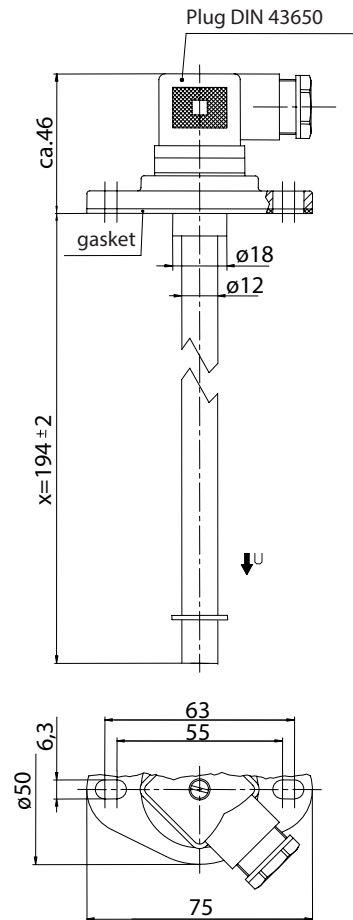
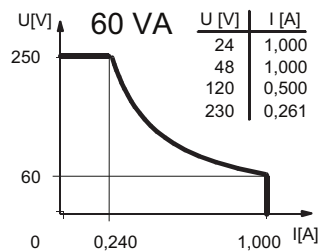
Description **MA-713 LTOS 0194**

Article number **6816200074**

Wiring diagram (non-actuated state)



Performance diagram (maximum values)



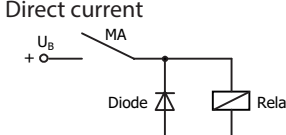
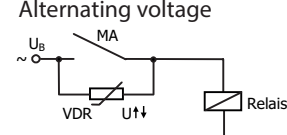
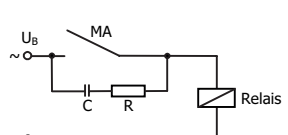
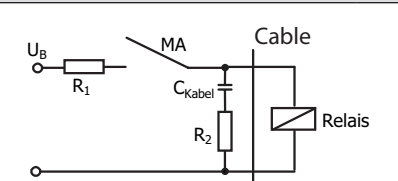
Characteristic features in accordance with EN 60947-5-1

Electrical data	
max. switching voltage	250 V
max. switching current	1,0 A
max. switching capacity	60 VA
min. switching capacity	3 VA
mechanical life	10 ⁷ to 10 ⁹ switches
Switching element	1 x C.O.
Protection class	II (totally insulated)

Mechanical data	
Flange material	PA6.6
Switching tube material	CuZn37 (CW508L)
Setting ring material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Socket acc. to DIN EN 175 301-803
Protection type	IP 65 acc to IEC529 / EN 60529 (Only with associated socket)
Max. pressure	5 bar

EU Conformity
acc. to directive 2014/35/EU

General details
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/cm^3. 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!

Inductive loads
Direct current  Suppression of voltage peaks with a free-wheeling diode Alternating voltage  Suppression of voltage peaks with a VDR  Suppression of voltage peaks with an RC element
Capacitive loads and lamp loads
 Contact protection with resistors for limiting current 