

Float switch

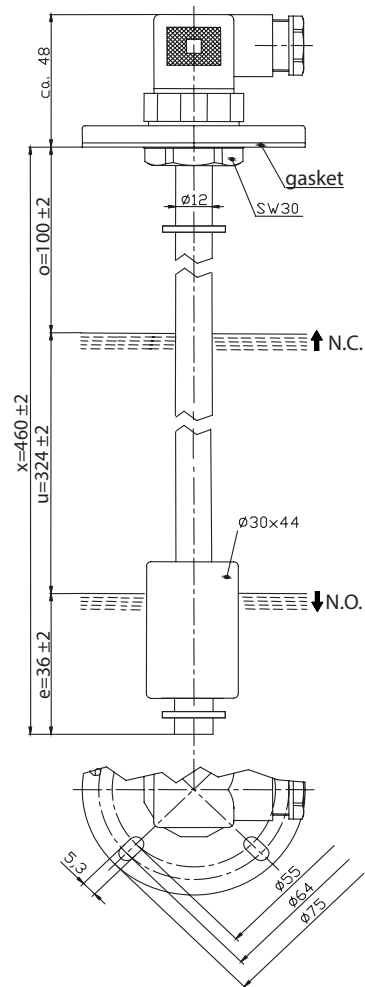
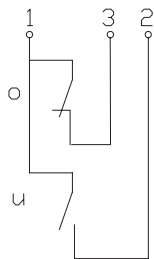
Series Standard-Float switch

Description **MAS-724 KTS 0460**

Article number **6825243006**

Wiring diagram

(non-actuated state)



Electrical data

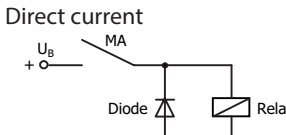
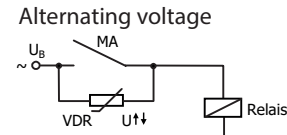
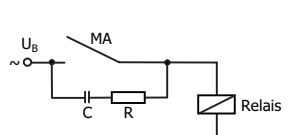
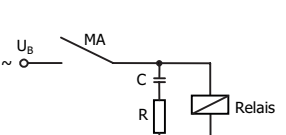
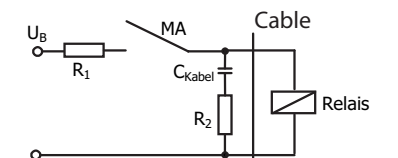
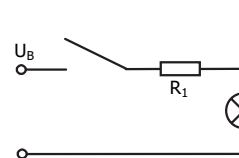
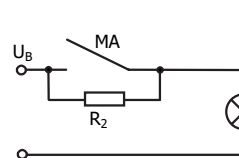
Rated voltage	U_r	36 V
max. switching current		0,5 A
max. switching capacity		30 VA
Rated insulation voltage	U_i	50 V AC
Rated impulse withstand voltage	U_{imp}	500 V AC
Overvoltage category		II
Switching element		1 N.C. , rising level 1 N.O. , falling level

Mechanical data	
Flange material	PA6.6
Switching tube material	CuZn37 (CW508L)
Float material	NBR
- density	about 0,44 g/cm ³ ±10 %
- depth of immersion	20 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
grip screw material	CuSn8 (CW453K)
Gasket material	NBR
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Connector acc. to DIN EN 175 301-803
Protection type	IP 65 acc to IEC529 / EN 60529 (only in fully locked position with it's plugs)
Max. pressure	5 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

General details
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!

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