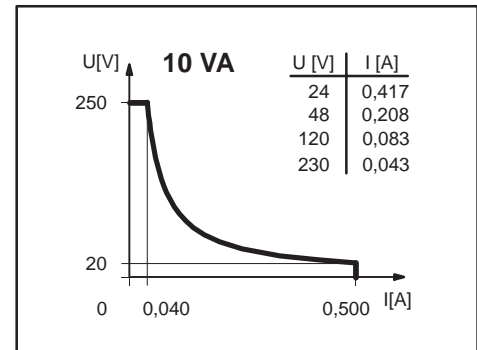


Performance diagram
(maximum data)



Electrical Data (maximum data) :

- contact
 - max. voltage : 250 V
 - max. switching current : 0.5 A
 - max. switching capacity : 10 VA
- switching function : o = N.O. contact, falling level
- direction category : AC-21A and DC-21A
acc. to DIN VDE 0660 T107
(IEC 947-3-1 / EN 60947-3-1)
- standard : acc. to DIN VDE 0660 T200
(IEC 947-5-1 / EN 60947-5-1)

Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded !

Technical Data :

- mode of connection : 1 m cable, PVC, 2x 0,34 mm²
- protection type : IP 65 acc. to DIN VDE 0470 T1
(IEC 529 / EN 60529)
- temperature range : form -5°C to +60°C
- fluid temperature : form -5°C to +60°C
- max. pressure : 5 bar
- mech. lifetime : 10⁷ to 10⁹ switches depending on the load

Reproducibility is ±0.05mm under same geometrical conditions according to one switch device.

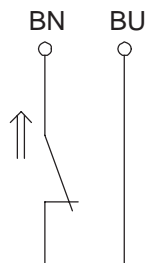
ATTENTION :

The measures of the switching points are related to a fluid-tight of 1 g/cm³

The tolerance of the switching points are ±2 mm

Wiring diagram

(matching to the drawing)



Mechanical Data :

- housing material : X 6 CrNiMoTi 17 12 2 (1.4571)
- switching tube material : X 6 CrNiMoTi 17 12 2 (1.4571)
- float material : X 6 CrNiMoTi 17 12 2 (1.4571)
- tightness : about 0.65 g/cm³ ±10%
- depth of immersion : 18 mm ±2 mm (to a fluid-tight of 1 g/cm³)
- guard ring material : X 6 CrNiMoTi 17 12 2 (1.4571)

created 28.01.2003 Häßler
checked 28.01.2002 Funke

This copy will not be amended or withdraw when technical changes are necessary.