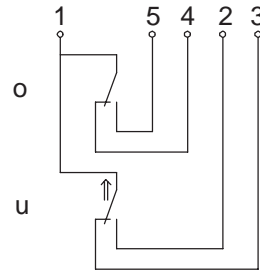


Wiring diagram
(matching to the drawing)



Electrical Data (maximum data) :

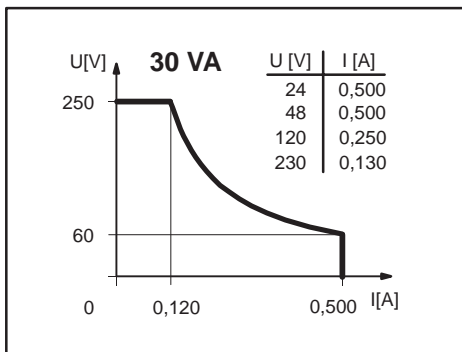
- contact
 - max. voltage : 250 V
 - max. switching current : 0.5 A
 - max. switching capacity : 30 VA
- switching function : o = change-over contact, rising level
u = change-over contact, falling level
- direction category : AC-21A and DC-21A
acc. to DIN VDE 0660 T107
(IEC 947-3-1 / EN 60947-3-1)
: 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 : connecting block inside the terminal box
- 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 : 15 bar
- mech. lifetime : 10^7 to 10^9 switches depending on the load

Performance diagram
(maximum data)



Reproducibility is ± 0.05 mm 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/cm^3
The tolerance of the switching points are $\pm 2 \text{ mm}$

Mechanical Data :

- terminal box material : GD-AISI12(3.2581.05)
- switching tube material : X 6 CrNiMoTi 17 12 2 (1.4571)
- float material : X 6 CrNiMoTi 17 12 2 (1.4571)
- tightness : about $\text{g/cm}^3 \pm 10\%$
- depth of immersion : mm $\pm 2 \text{ mm}$ (to a fluid-tight of 1 g/cm^3)
- guard ring material : X 6 CrNiMoTi 17 12 2 (1.4571)
- gasket material : NBR

created 18.06.2002 Häßler
checked 18.06.2002 Limbach