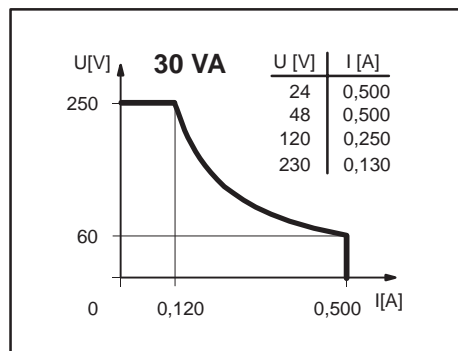


Performance diagram
(maximum data)



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)
- 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 : Amphenol connector; Typ: C16-1
- protection type : IP 65 acc. to DIN VDE 0470 T1
(IEC 529 / EN 60529)
only with female socket
- 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 :

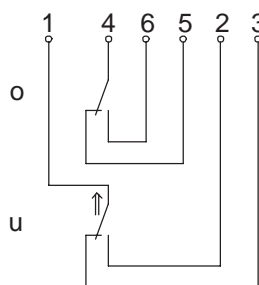
The measures of the switching points are related to a fluid-tight of 1 g/cm³
The tolerance of the switching points are ±2 mm

Mechanical Data :

- tank screw connection material : PVC
- screw connection material : X 6 CrNiMoTi 17 12 2 (1.4571)
- switching tube material : X 6 CrNiMoTi 17 12 2 (1.4571)
- float material : POM
- tightness : about 0.7 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)

Wiring diagram

(matching to the drawing)



created 04.12.2001 Häßler
checked 04.12.2001 Stomberg