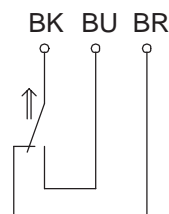


**Wiring diagram**  
(matching to the drawing)



**Electrical Data ( maximum data ) :**

contact	
– max. voltage	: 250 V
– max. switching current	: 0.5 A
– max. switching capacity	: 30 VA
switching function	: change-over contact, rising 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 :**

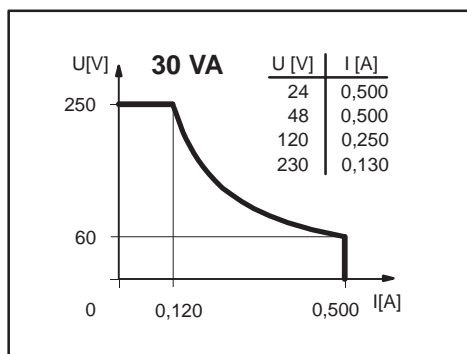
mode of connection	: connecting block inside the terminal housing
protection type	: IP 65 acc. to DIN VDE 0470 T1 ( IEC 529 / EN 60529 )
temperature range	: from -5°C to +60°C
fluid temperature	: from -5°C to +60°C
max. pressure	: 10 bar
mech. lifetime	: 10 <sup>7</sup> to 10 <sup>9</sup> switches depending 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/cm<sup>3</sup>  
The tolerance of the switching points are ±2 mm

**Performance diagram**  
(maximum data)



**Mechanical Data :**

terminal box material	: GD-AISi12 ( 3.2581.05 )
cable land material	: PA
switching tube material	: X 6 CrNiMoTi 17 12 2 ( 1.4571 )
float material	: POM
– tightness	: about 0.7 g/cm <sup>3</sup> ±10%
– depth of immersion	: 18 mm ±2 mm ( to a fluid-tight of 1 g/cm <sup>3</sup> )
guard ring material	: X 6 CrNiMoTi 17 12 2 ( 1.4571 )
gasket material	: NBR

created 25.04.2002 Häßler  
checked 25.04.2002 Limbach