**WBT-0730 Double pole terminal**

**High-current double pole terminal 19/4 for cabinet mounting**

1. **Mechanics**
   - single-segment, low-tolerance contact elements (tol. less than ± 0.02 mm)
   - solid basic element with 4-mm boring for banana plug, internal screw box and cross boring (dia. 5.6 mm) also for thick cables.
   - Adjusting nut with extra-fine thread (0.5 pitch) and free running compression pad with cross-milled surface for optimum contact pressure, reduces wear on cables.

2. **Materials**
   - all solid parts made of highly ductile “OFC” copper alloy
   - insulating material: polyamide (PA) 6 (10% glass fibre), red, white or black/polycarbonate (PC) (30% glass fibre), black

3. **Surfaces**
   - Standard: 3-layer finish, Au 0.3 μm, non-magnetic
   - Signature: plated and polished, 1-layer finish, Au 0.3 μm or Pt 0.3 μm, non-magnetic

4. **Operating characteristics**
   - constant current: $I_c > 2000 \text{ A}$
   - peak current: $I_p > 2000 \text{ A}$
   - contact resistance: $R_{\text{c}} < 0.1 \text{ mohms}$
   - volume resistance: $R_{\text{v}} < 0.003 \text{ mohms}$
   - isolation resistance: $R_{\text{i}} > 10^5 \text{ ohms}$

5. **Connection options**
   - internal connection (for cables up to 10 mm² (AWG 8)):
     - soldering version
     - crimping version
   - external terminal:
     - a) for cable ends up to 6 mm² (AWG 10)
     - b) for spade lug (w/ 6- and 8-mm contact fork)
     - c) for 4-mm banana plugs

6. **Mounting**
   - using connection bracket 9 in acc. with mounting diagram: 19-mm standard spacing the single terminal can be installed in steps of 45°
   - 7. **Safety instruction**: within the EU territory WBT-0730 must not be used without the safety-stick (WBT-0799) (to provisionally close the 4-mm banana-boring).