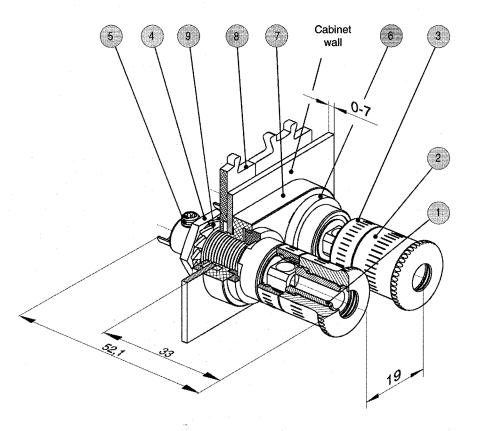


## precision mechanics contact systems · connectors



1 Base element	
	2
2 Adjusting nut	2
3 Compression pad	2
4 Counternut	2
5 Torx® screw, M4 x 7 mm, brass	2
6 Double step washer w. square socket a. tappet, PA, 4.6 mm, red & white	2
19-mm connection bracket, PA, red or white	1
Insulating tooth lock washer, PA, red and white/alternative* insulating puzzle lockwasher, PC, black	2
Optional serrated lock washer, bronze	2
Extent of delivery : 1-8, 9 optional **/ 1-8 mounted ***	

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Torx is a reg. trademark of Camcar Textron, USA.

- alternative for OEM version only
- option for OEM version only
- for consumer version only, for OEM version: 1-3 mounted

Also available as fully insulated, contact-protected part (WBT-0735), in accordance with the safety standards of CE<sup>+</sup> und IEC<sup>++</sup> 65.

\* CE is the abbreviation of Conformité Européenne.

Signature

I<sub>D</sub> > 200 A

> 2,000 A

 $I_s > 2,000$ .  $R_a \le 0.07 \text{ mohms}$ 

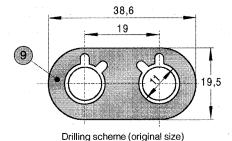
≤ 0.002 mohms

> 1010 ohms

\*\* IEC is the abbreviation of International

Electrotechnical Commission

All dimensions in mm



## External connection possibilities (see under 5.)

## WBT-0730 Double pole terminal

## High-current double pole terminal 19/4 for cabinet mounting 1. Mechanic

- single-segment, low-tolerance contact elements (tol. less than  $\pm$  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.
- 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

Standard

I<sub>D</sub> > 200 A

> 2,000 A

l<sub>s</sub> > 2,000 A R<sub>n</sub> ≤ 0.1 mohms

R<sub>ico</sub> > 10<sup>10</sup> ohms

 $R_{\rm g} \le 0.003$  mohms

- 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

constand current

peak current: contact resistance

volume resistance isolation resistance

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 mm<sup>2</sup> (AWG 10)
  - b) for spade lugs (with 6- and 8-mm contact fork)
  - c) for 4-mm banana plugs
- 6. Mounting
  - using connection bracket 🥮 in acc. with mounting diagram: 19-mm standard spacing the single terminal can be installed in steps of 45°
- single, without connection bracket: boring: dia. 11.5<sup>+0.2</sup> mm with 2.5x2 nut for twist protection
  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).