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Extent of delivery: 1-9, 10 optional* parts 1-3, 7-9 mounted		
Revision date: 2001-03-08		

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WBT is a reg. trademark of WBT, Germany.

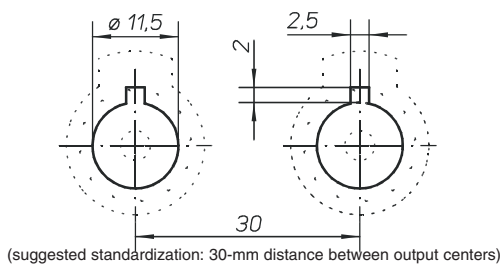
Torx is a reg. trademark of Camcar Textron, USA.
Makrolon is a reg. trademark of Bayer AG, Germany.

WBT-0765 complies with current CE⁺ and IEC 65⁺⁺ safety regulations.

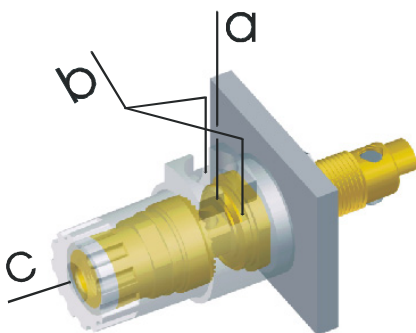
* CE is the abbreviation of Conformité Européenne.

** IEC is the abbreviation of International Electrotechnical Commission.

All dimensions in mm



Drilling scheme (original size)



External connection possibilities
(see under 5.)

***Safety instruction:** within the EU territory WBT-0765 must not be used without the safety-stick (WBT-0799) (to provisionally close the 4-mm banana boring).

WBT-0765 Pole terminal

High-current audio connector for amplifiers and loudspeakers

- Mechanics**
 - one piece and low tolerance contact elements (tol. less than ± 0.05 mm)
 - solid basic element with 4-mm boring for banana plug and internal screw box with cross boring for direct cable connection. Adjusting nut with free running compression pad and extra-fine thread (0.5 pitch) for optimum contact pressure on spade lugs and cable ends.
- Materials**
 - all solid parts made of highly ductile "OFC" copper alloy (52% Cu)
 - insulating material: PA 6 (polyamide, 15% glass fibre), red, white or black/PC Makrolon® (polycarbonate), transparent/PC (polycarbonate, 30% glass fibre), black
- Surfaces**
 - WBT 24-carat gold-plating: Ni-free, Au 0,3 μ m, non-magnetic
- Operating characteristics**
 - constant current $I_D > 200$ A
 - peak current: $I_S > 2000$ A
 - contact resistance $R_C \leq 0.1$ mohms (clamp connection)
 - contact resistance $R_0 \leq 0.15$ mohms (plug connection with standard banana plug)
 - contact resistance $R_0 \leq 0.1$ mohms (plug connection with WBT banana plug)
 - volume resistance $R_B \leq 0.003$ mohms
 - isolation resistance $R_{iso} > 10^{10}$ ohms
- Terminals**
 - internal connection (for cables up to 10 mm² (AWG 8)):
 - - soldering version,
 - - crimping version (with optional Torx* screw 10 only), for pc board mounting, see under 7.
 - external connection:
 - a) for crimped cable ends up to 6 mm² (AWG 10)
 - b) spade lugs (with 6- or 8-mm contact fork)
 - c) for 4-mm banana plugs
- Mounting**
 - Boring: dia. 11.5^{+0.2} mm with groove 2.5 x 2 mm nut for twist protection
 - Recommended torque for the counter nut: 8.5 Nm
- WBT-0765 is also available for direct pc-board mounting (WBT-0766)
- Warning against usage of contact cleaners: their contents may cause damage to the insulators!