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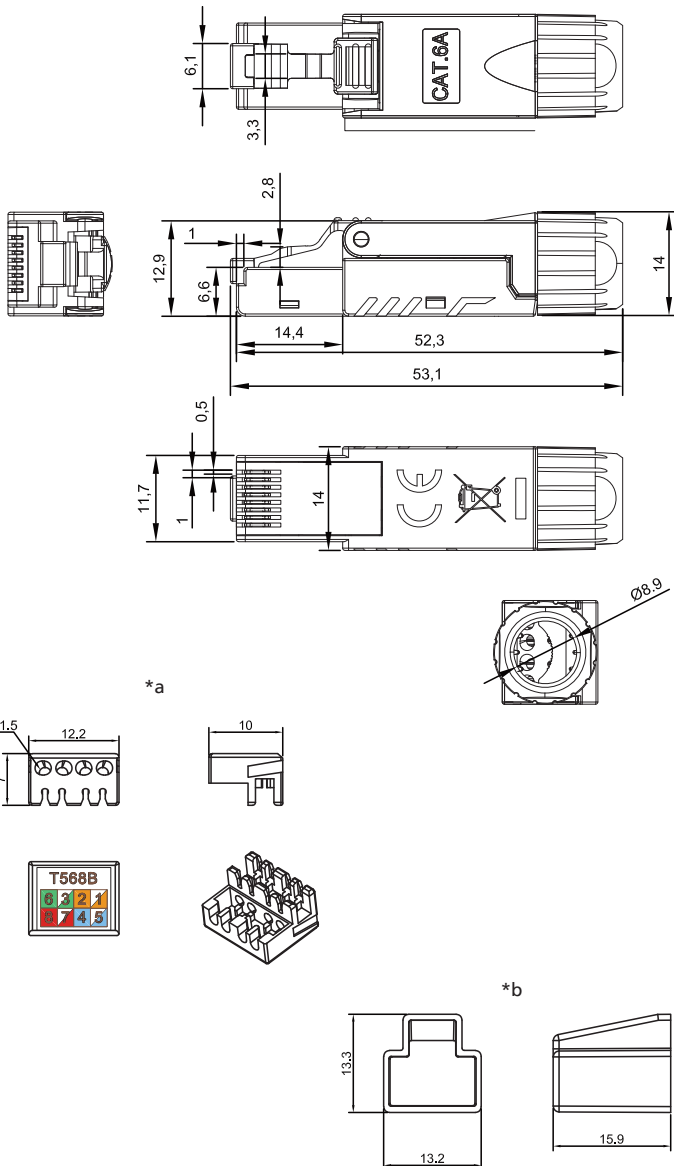
Modular connectors



Modular plug, Cat. 6a, 8p8c (RJ45), straight version, with protected locking latch and shielding, toolless connection in insulation displacement technology (IDT)

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Environmental conditions

Temperature range 0 °C/+70 °C

Materials

Insulating body PC
 IDT insert PC
 Contact CuSn, gold-plated
 Housing/handle Zn alloy
 Cap nut plastic

Connectable conductors for IDT area

Section min. AWG 26
 Section max. AWG 23
 Cable diameter ≤ 8.9 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 20 mΩ
 Rated current 1.5 A
 Rated voltage 125 V AC RMS
 Withstand voltage 750 V AC RMS/60 s
 Insulation resistance 1 GΩ

Associated products

Counterparts
 ☞ 2542 04 ☞ 2542 05 ☞ P 136
 ☞ P 137 S

*a IDT insert
 *b protective cap, pre-mounted

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
2542 01	8	50	100

Packaging:

individually in plastic bag, in cardboard box