Ixxat D-Sub 9 connector with two CAN terminations



Termination for CAN/CAN FD networks (D-Sub 9 plug)

Item number: 1.04.0075.30003

The Ixxat Sub-D9 connector with two CAN terminations ensures proper termination of CAN and CAN FD buses. It features a D-Sub 9 male to female gender changer design and is used when a CAN node lacks internal termination or if no CAN node is connected at the end of the CAN bus. Per ISO 11898-2, high-speed CAN systems require end resistors.

Features and benefits

Optimal signal integrity with two terminations

Integrates two 120 Ohm resistors, ensuring proper CAN/CAN FD bus termination. The resistors are placed between pin 2 (CAN-L) and pin 7 (CAN-H), as well as between pin 1 and 4.

Technical data overview

Insulator: PBT glass fiber reinforced / contact: brass, gold plated over nickel / shell: tin plated / insulator resistance: 500 MOhm min. at 500 V DC / temperature range: -55 °C to 105 °C

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General

Net Weight (g)	12
Packed Weight (g)	12

Identification and Status

Product ID	1.04.0075.30003
Country of Origin	China
HS Code	8536901000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Contains Battery	No

Certifications and Standards

WEEE Category	IT and telecommunications equipment