

DATASHEET

CAPACITIVE COUPLING CLAMP type ACC

This device is used to couple pulses to I/O lines as required in different national and international standards for automotive testing.

Example: Pulse 3a/3b -- Coupling to I/O lines -- as per ISO 7637

The coupling on signal lines can usually not be effected capacitively without interfering with the signal flow. It is often impossible to contact the required circuit (direct), e. g. coaxial or shielded cables. In this case the coupling is realized with the capacitive coupling clamp. The interference simulator can be connected on both sides of the coupling clamp.

Tests with the capacitive coupling clamp

- The coupling clamp has to be terminated with a 50 ohm resistor at one end.
- If the EUT is built up by two different equipment, the test should be conducted on each.

