

EMCtools

Field – Bus – Trigger

CAN – Trigger
LIN – Trigger



EMCtools
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EMCtools — lab life made easy

Introduction and use:

The **EMCtools** Field-Bus-Trigger (FBT) is a handy tool to monitor CAN- and LIN-Bus systems. Depending on use settable bus parameters a trigger signal (impulse) is generated by the FBT. This enables users for the first time to trigger on specified events on a field bus without using a computer.

The FBT simply is looped into the bus connection.

FBT may be used for:

- EUT monitoring during EMC immunity tests
- automation of tests
- long term testing for bus analysis
- trigger generator for Digital Storage Oscilloscopes (DSO)
- establishment of a CAN-Matrix

Technical Data:

Baudrate:

HS-CAN: 33.3k, 50k, 62.5k, 75k, 83.3k, 100k, 125k, 200k, 250k, 500k, 800k, 1M

LS-CAN: 33.3k, 50k, 62.5k, 75k, 83.3k, 100k, 125k

LIN: 2.4k, 9.6k, 19.2k

Trigger on: Error Frames, Standard-ID und Extended-ID

Events from 0 - 200

Event Rate from <200/s to >200/s

Trigger-Impulse: 10ms – 9.99s

Power Supply: Plug-In Power Supply 9V DC – optional rechargeable battery

BUS-Connector: 2 pcs 9-pin Sub-D (f), signals passed through

Bus-Impedance: no load – high impedance

Temperature range: 0°C – 50°C

Delivered Parts:

1 pcs EMCtools Field-Bus-Trigger

1 pcs Plug-In Power Supply

1 pcs printed manual



Rear: Field-Bus-Trigger