

4 Relay outputs: 200V/0.5A/10W
USB interface
multi color indication LED
powered by USB: no power supply needed



This box is used to supervise the control computer of your laser system.

If the computer does not operate correctly, it will open its relay outputs connected to Interlock Inputs of your safety relevant laser equipment.

The computer has to send a correct command to the 1207 Watchdog every few seconds (adjustable) to make sure, everything is working correctly: Hardware, Software etc.

If the command is not received in a adjustable amount of time, the relay outputs change their status and shut down the laser radiation and safety relevant equipment.

A multi color indication LED shows the status of operation.

The Watchdog is powered by the USB Bus.



Picture 1:Front view

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|----------------------------------|---|
| Power supply | USB - Bus |
| Communication Bus | USB 2.0 Mini-B |
| Relay | Meder MS05-1A87-75D |
| Max. Switching power per relay | 10 W |
| Max. current per relay | 0.5 A |
| Max. switching-voltage per relay | 200 V |
| Storage temperature | -20 °C to 80 °C |
| Connectors | Phoenix Contact Type FK-MC 0,5/8-ST-2,5, max. 0.5 mm ² |
| Operating temperature | 0 °C to 60 °C |
| Dimension | 105 x 72 x 25 mm ³ |
| Weigth | Module 160 g without connectors |