

**Photographic documentation of the connection between
the Sinamics tester and the power module**

Fig. 1 Overview of the power module



Fig. 2 Power module label

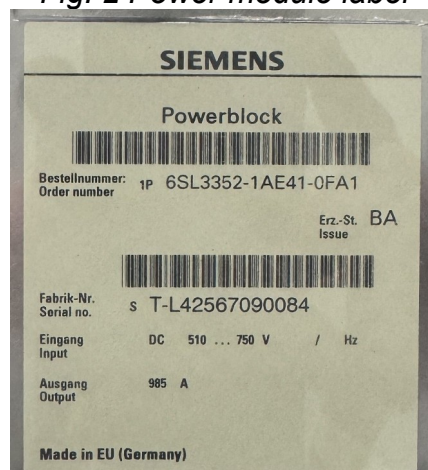


Fig. 3 CIM unit



Fig. 5 IPD module with current sensors signals



Fig. 6 Disassembled IPD module



Fig. 7 Connecting the X43 connector from the IPD module and the optical connectors for IGBT control

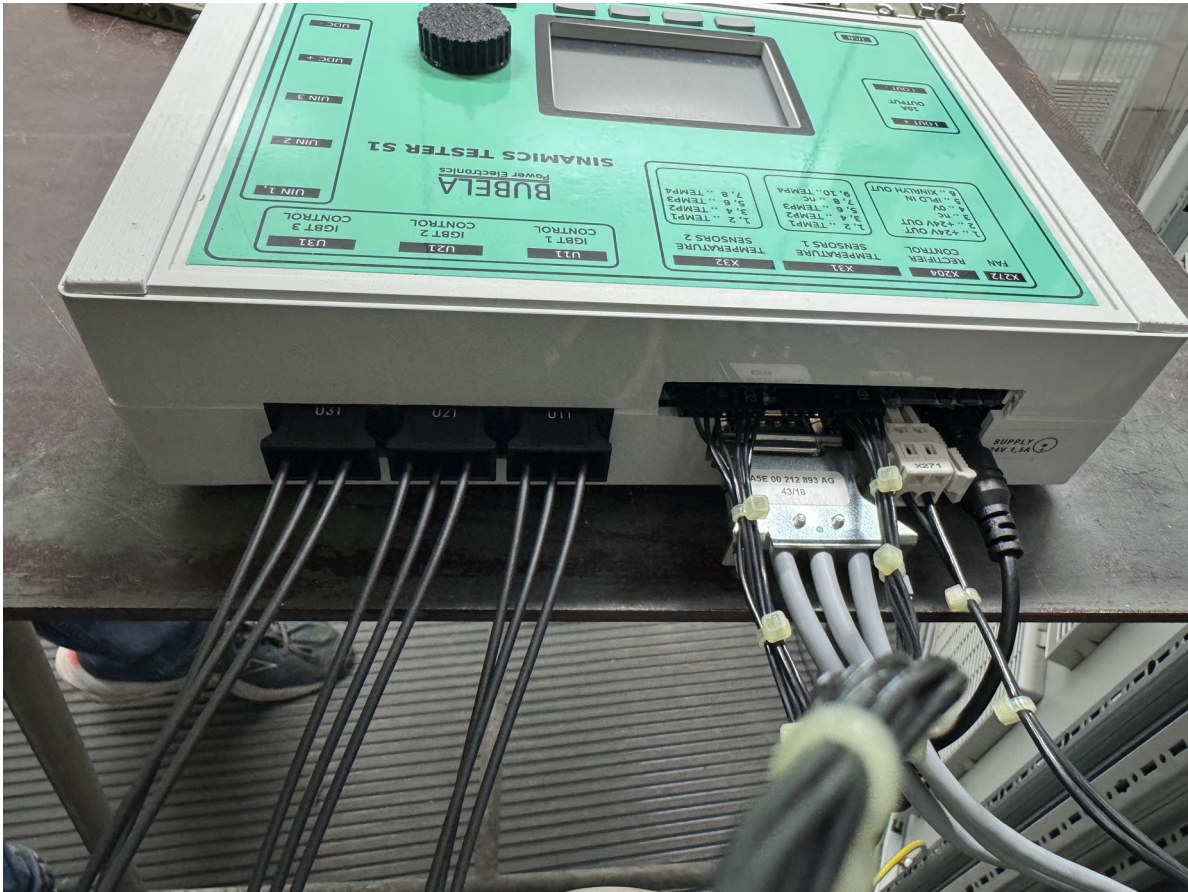


Fig. 8 Connecting all connectors on the power module and the tester

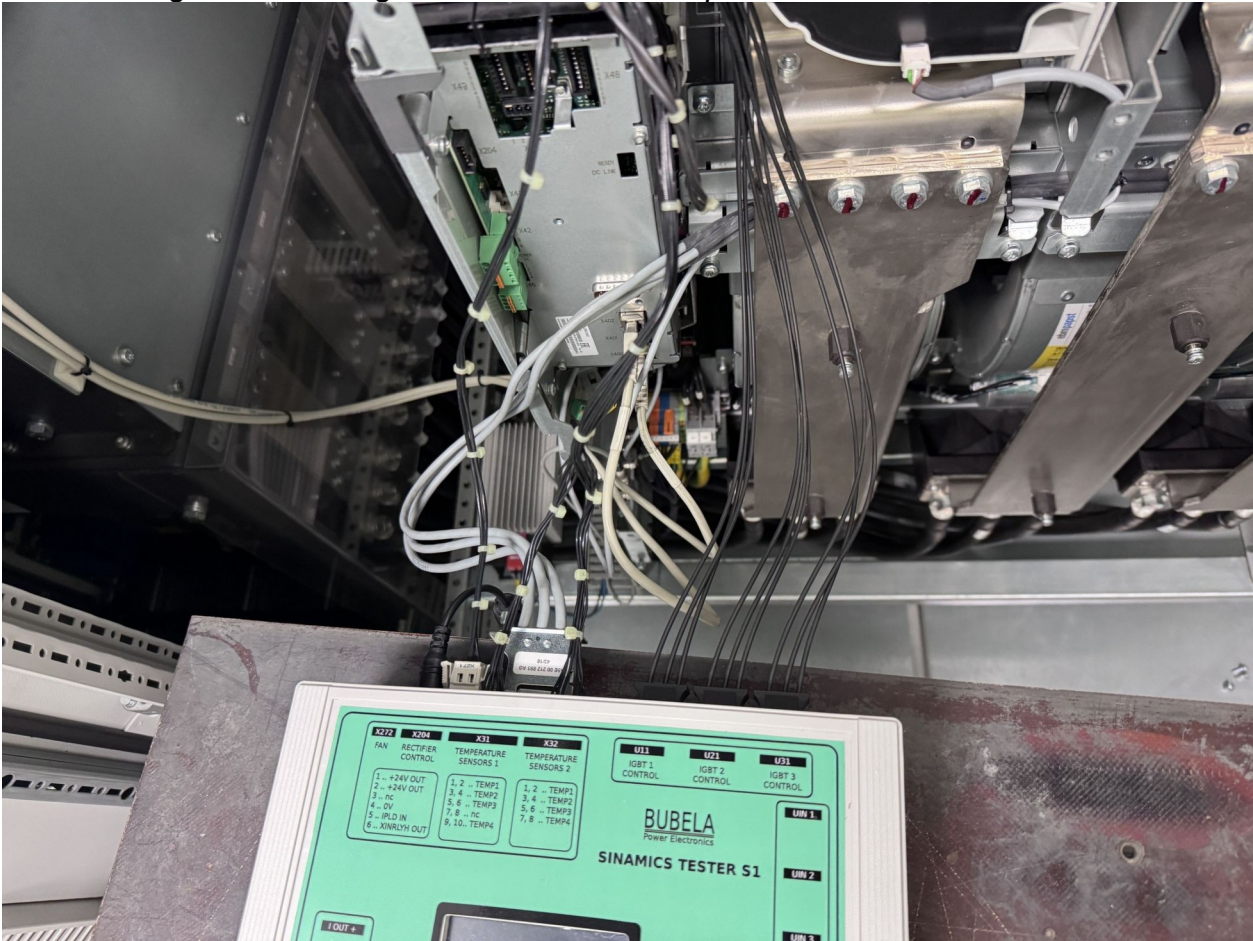


Fig. 9 Connecting the wires for testing current sensors

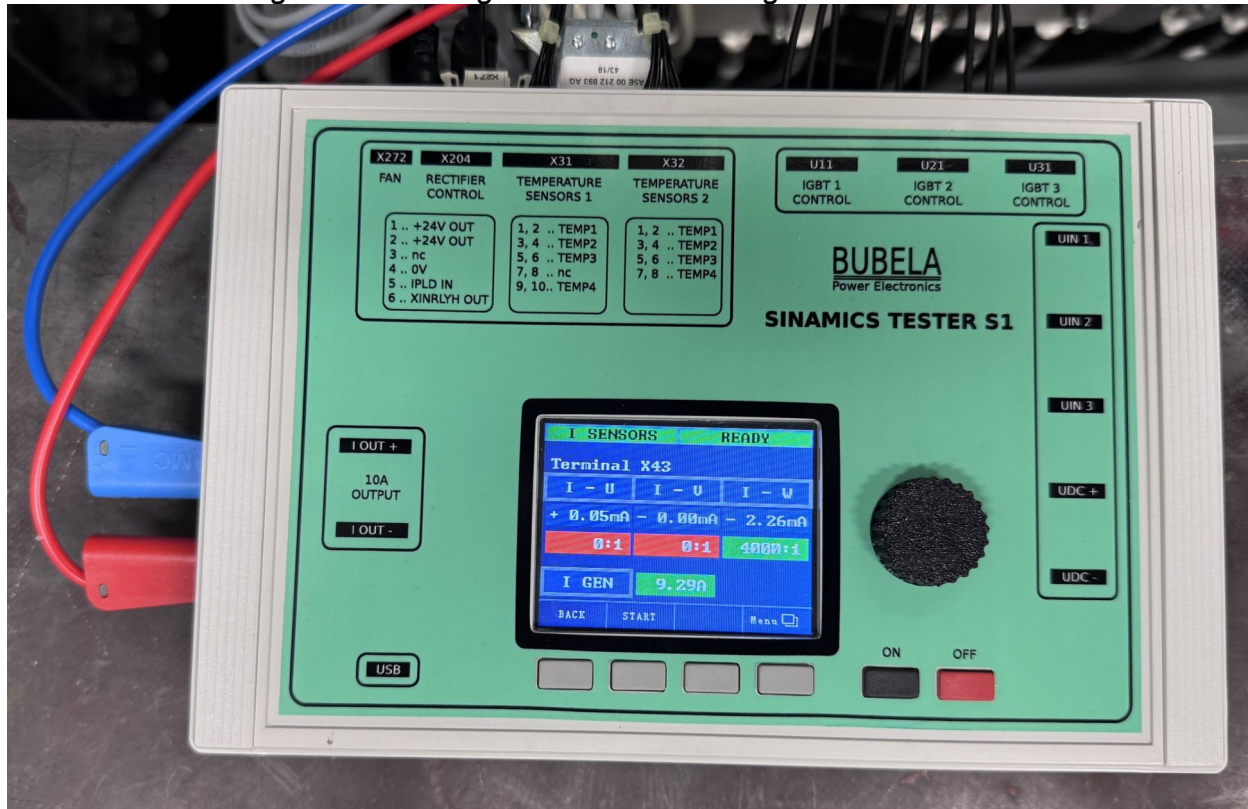


Fig. 10 Connecting wires to a single current sensor

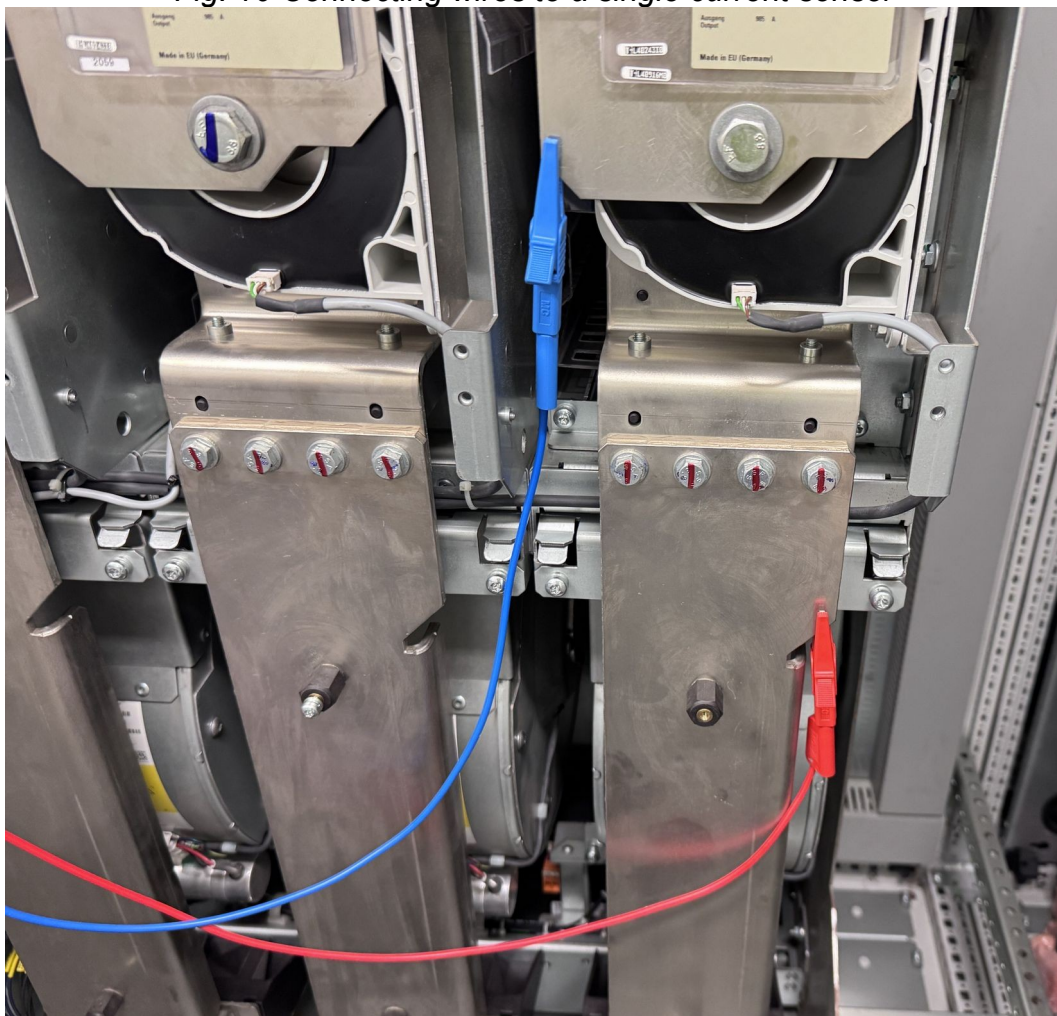


Fig. 11 Wiring for IGBT switching tests and saturation voltage measurements



Fig. 12 Connection to the DC bus

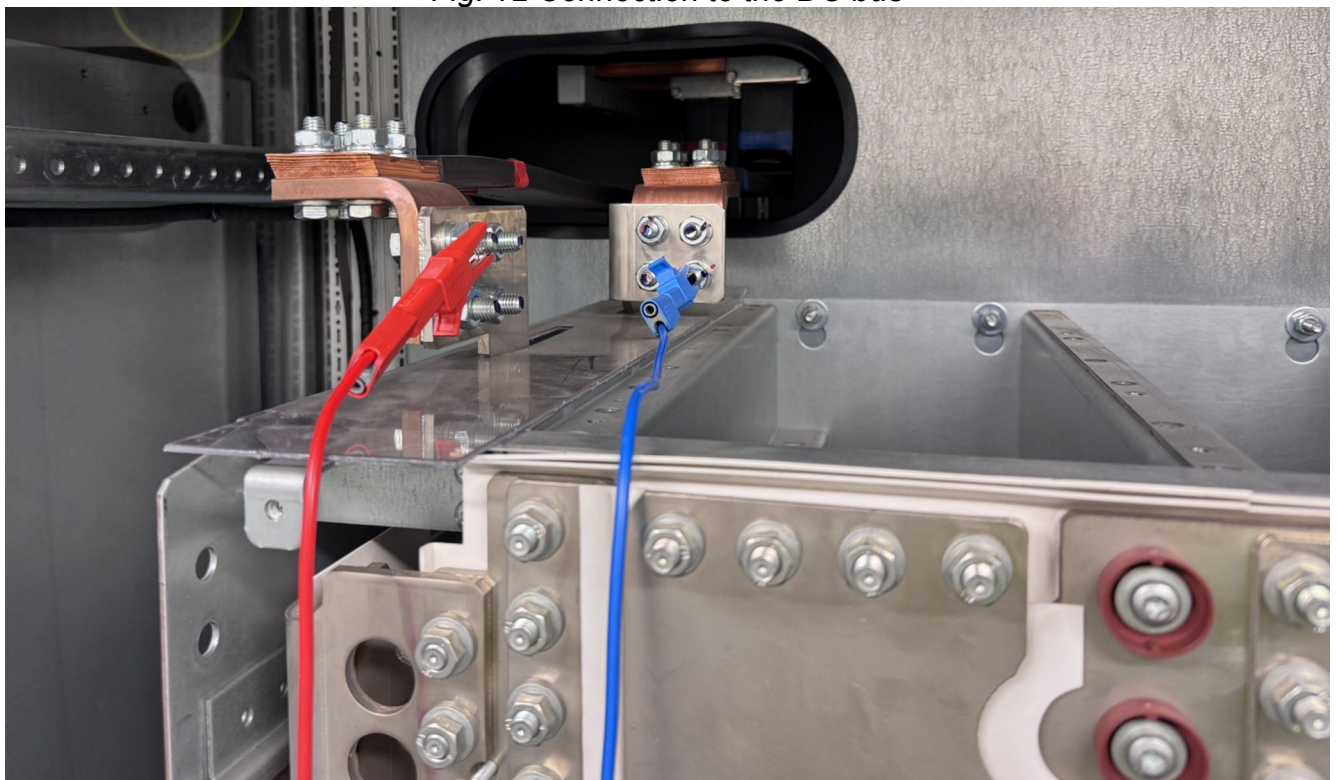


Fig. 13 A view of the Tester assembly and the PSVD power supply

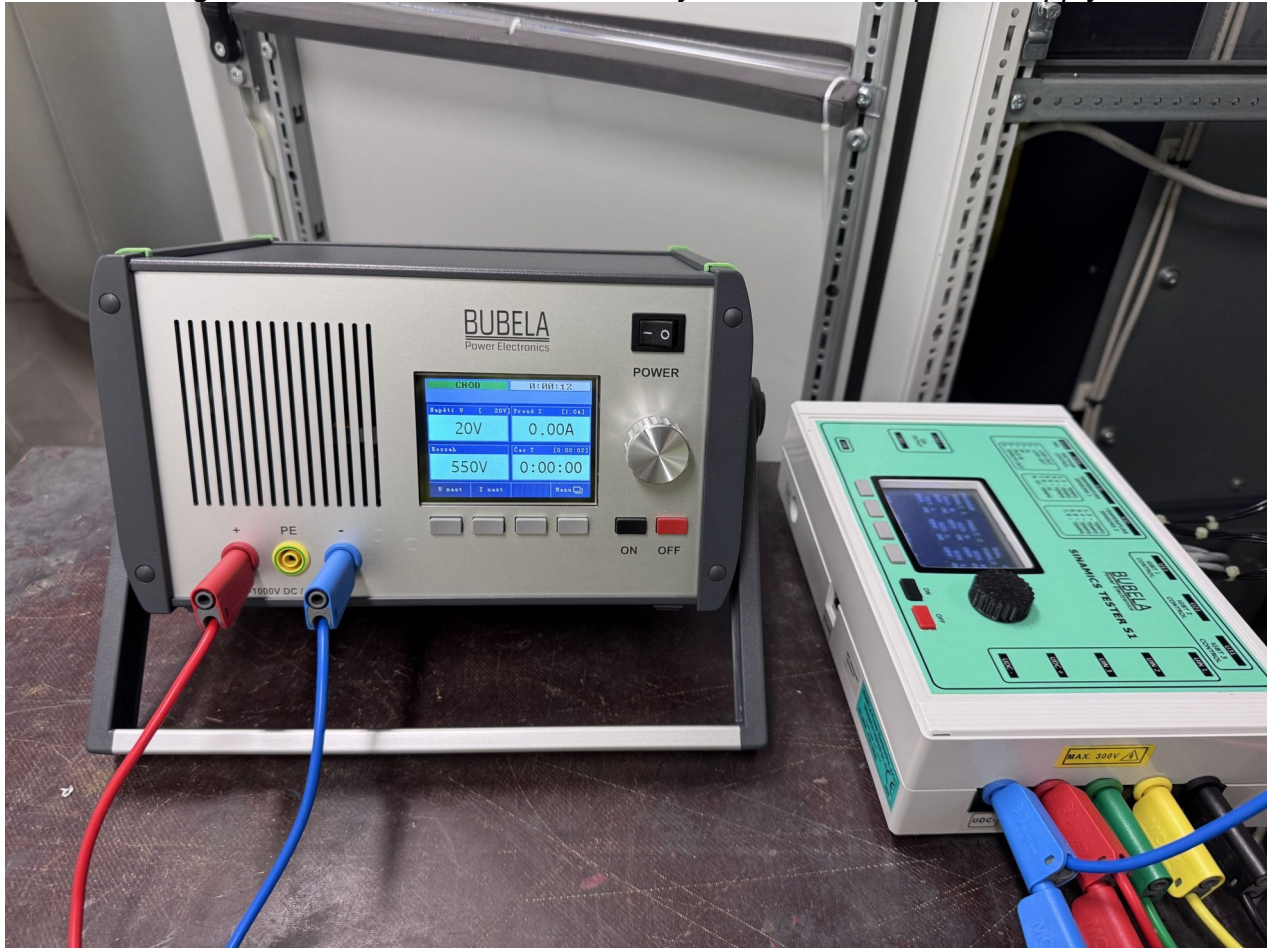


Fig. 14 Connecting the PSVD power supply control from the Tester



Fig. 15 An overview of the test site

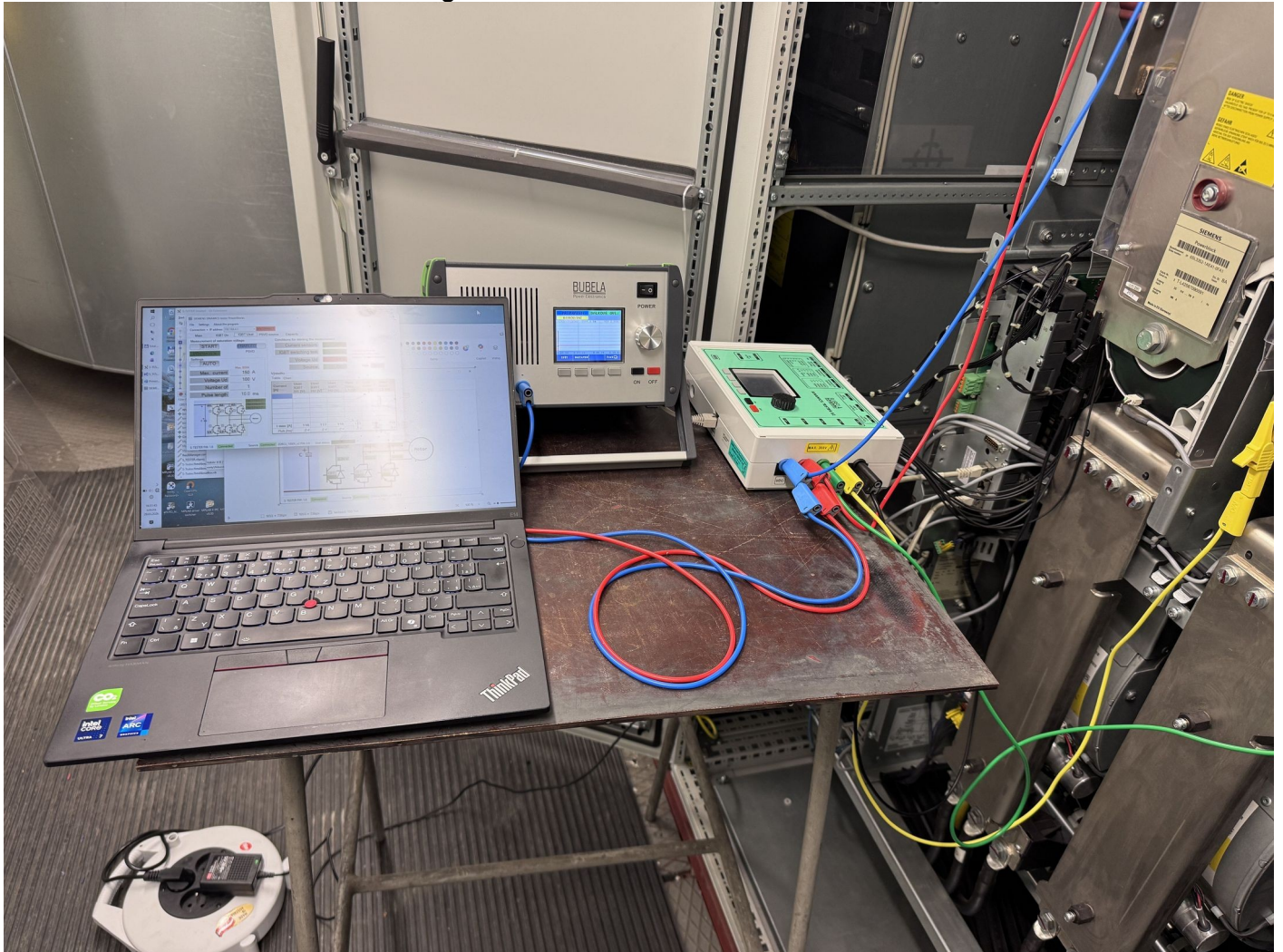


Fig. Tester display indicating successful completion of the IGBT switching test

