

SINAMICS SM150 - Reparatur von IGCT Phasenbausteinen (DR-SM15-RP)

Objectives

This training course covers the construction, components and the practical repair of the IGCT-Phase Modules.

Target Group

Commissioning engineers,
Service personnel

Content

Introduction of IGCT (Integrated Gate Commutated Thyristor)
Introduction of the Block diagram of IGCT phase module
5 Safety Rules
Electrical test and measurements of the IGCT phase module
Exchange of single IGCT's in the phase module
Exchange of pressure bolts and connection bus bars
Test protocol
Examples of damaged IGCT phase modules
Practical work (failure location, repairing, assembling, testing)

Prerequisites

Experience with low voltage or medium voltage drives.
Knowledge of SINAMICS SM150 is helpful, but not mandatory.

Type

Face-to-face training

Duration

2 days

Language

de