

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

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### Objectives

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

### Target Group

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Commissioning engineers,  
Service personnel

### Content

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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

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

### Type

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Face-to-face training

### Duration

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2 days

### Language

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