Controlling SINAMICS S210 Safety Integrated Functions using SIMATIC S7-1500TF via PROFIsafe

In addition to the standard drive functions, using a SIMATIC F-PLC, the (Extended) Safety Integrated Functions of a SINAMICS S210 can be controlled using PROFIsafe.

SIMATIC S7-1500 PLCs support connecting drives operating as speed axis, positioning axis or synchronous axis via PROFINET or PROFIBUS. In the TIA Portal, a SINAMICS S210 drive can be controlled in a TIA Portal program and can be operated using motion control instructions.

In addition to the standard drive functions, using an F-PLC, the Safety Integrated Functions of a SINAMICS S210 can be controlled using PROFIsafe