

SIMATIC Technology – Motion Control

Starter Guide: Coordinated axes

SIMATIC Technology – Motion Control

General Information



Internet

- www.siemens.com/simatic-technology ([Link](#))



Siemens Industry
Online Support

- www.siemens.com/onlinesupport/simatic-technology ([Link](#))
- TIA Portal Tutorial Center ([Link](#))



Customer Forum

- SIMATIC Technology  ([Link](#))
- SIMATIC Technology  ([Link](#))



YouTube
SIEMENS Channel

- Automation - SIMATIC Technology ([Link](#))
- Automation Tasks in 10 minutes or less ([Link](#))
- Industry: Automation – TIA Portal – Mister Automation ([Link](#))



Reference Center

- SIMATIC Technology Referenzen ([Link](#))

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Option 1/2: SIMATIC & SINAMICS Starter-Kits

Basic

SIEMENS
Ingenuity for life

SIMATIC Starter-Kits

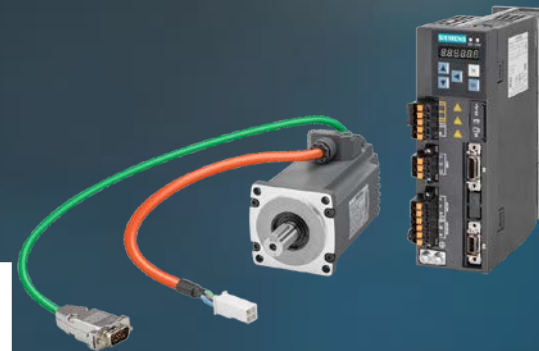


- SIMATIC S7-1500 Compact-CPU
- Art.-Nr.: 6ES7511-1CK03-4YB5

- SIMATIC S7-1500 Technology-CPU
- Art.-Nr.: 6ES7511-1TK02-4YB5



SINAMICS Starter-Kits



- SINAMICS V90-PN
- Art.-Nr.: 6SL3200-0AE40-0AA0

- SINAMICS S210
- Art.-Nr.: 6SL3200-0AE61-0AA0



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Option 2/2: SIMATIC Starter-Kits & SINAMICS Demo-Kits

Comfort

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Ingenuity for life

SIMATIC Starter-Kits



- SIMATIC S7-1500 Compact-CPU
- Art.-Nr.: 6ES7511-1CK03-4YB5



- SIMATIC S7-1500 Technology-CPU
- Art.-Nr.: 6ES7511-1TK02-4YB5



SINAMICS Demo-Kits



- SINAMICS V90-PN ¹⁾
- Art.-Nr.: 6AG1067-1AA32-0AA0



- SINAMICS S210 ¹⁾
- Art.-Nr.: 6AG1067-1AA33-0AA0

- SINAMICS S120 ¹⁾
- Art.-Nr.: 6ZB2480-0CT00



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Coordinated axes with SIMATIC S7-1500/1500 T-CPU (1/2)



Manual

- SIMATIC S7-1500 S7-1500 Motion Control V4.0 in TIA Portal V15 (Entry-ID: [109749262](#))
- SIMATIC S7-1500 S7-1500T Motion Control V4.0 in TIA Portal V15 (Entry-ID: [109749263](#))



FAQ

- Camming with "MC_CamIn" in the S7-1500T (Entry-ID: [109740188](#))
- How does a slave axis of camming behave during "Direct synchronous setting" (SyncProfileReference = 2)? (Entry-ID: [109758886](#))
- S7-1500T: Set synchronization in simulation - Retain a synchronized connection when locking the slave axis, for example (Entry-ID: [109741930](#))

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Coordinated axes with SIMATIC S7-1500/1500 T-CPU (2/2)



Application example

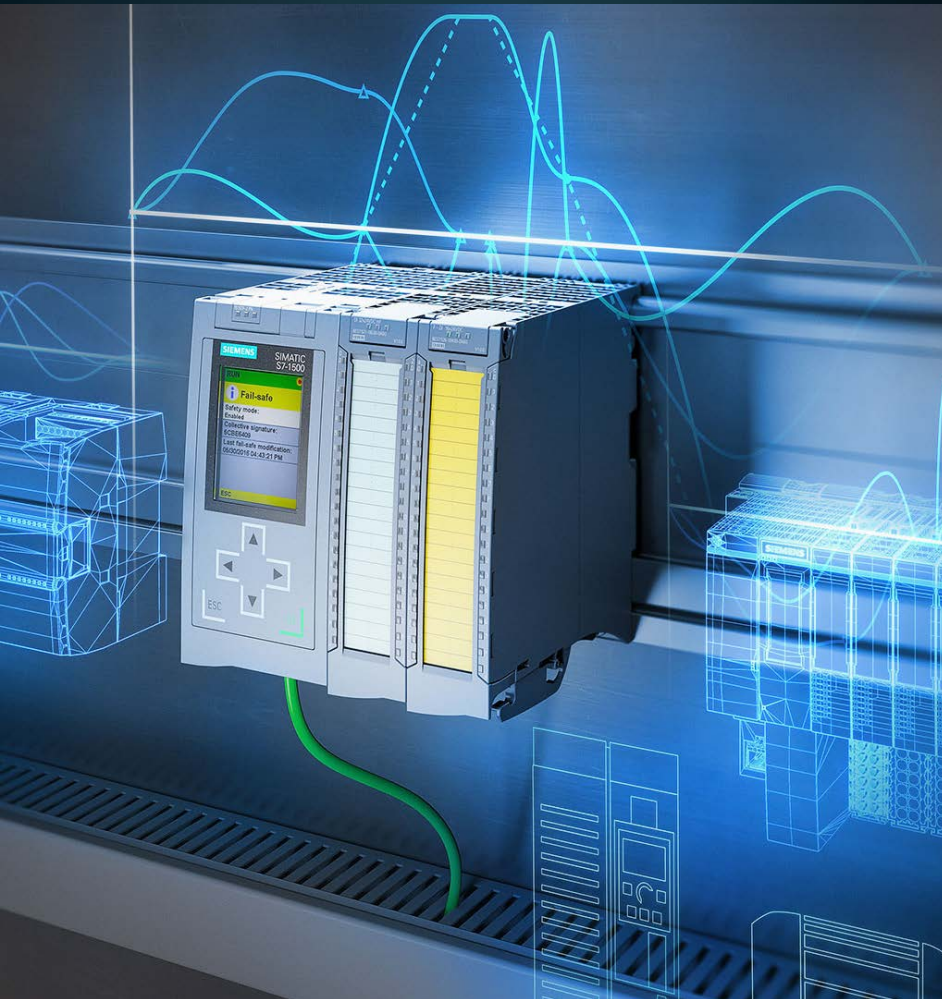
- Technology Objects of the SIMATIC S7-1500(T) (Entry-ID: [109743134](#))
- Switchover and generation of cams with SIMATIC S7-1500T (Entry-ID: [109749460](#))
- SIMATIC S7-1500T Flying Saw (Entry-ID: [109744840](#))
- SIMATIC S7-1500T RotaryKnife (Entry-ID: [109757260](#))
- S7-1500T: Circular Motion on the Basis of Cam Disks "MoveCircle2D" (Entry-ID: [109742306](#))
- SIMATIC/SIMOTION Library LCamHdl – Creation of cam disks at runtime (Entry-ID: [105644659](#))
- SIMOTION/SIMATIC/SINAMICS - Converting Toolbox (Entry-ID: [109744606](#))



YouTube SIEMENS Channel

- SIMATIC S7-1500 Technologie CPUs von Siemens ([Link](#))
- Motion Control has never been so easy ([Link](#))

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