SIEMENS

Industry

Reference: Incorrect parameter when commissioning G120P PM330 offline

Question: Offline commissioning of the SINAMICS G120P incorrect

Answer:
In the offline commissioning of STARTERS (version: 4.4) terminal X9 is incorrectly wired.
As a consequence, OFF2, OFF3 and the external alarms and faults are not correctly identified.

Remedy:
- Connect the programming device to the inverter (CU230P).
- Switch-on the inverter
- Load to PG
- User the wizards for commissioning

The expert list can provide additional support:

Procedure:
p0010=1
p3931= enter options
p3900=3

The standstill measurement should then be carried out.

Bit2: dU/dt filter compact (L07) p230=2
Bit3: Motor reactor (L08) p230=1
Bit4: dU/dt filter (L10) p230=2

Bit11: Braking Module PDB=25kW (L61) àP1240=0 Vdc controller-> indirect via p0219=25kW

Bit12: Braking Module PDB=50kW (L62) à P1240=0 Vdc controller -> indirect via p0219=50kW

The bits are not interlocked. Bit12 has a higher priority then bit11. Bit3 has a higher priority than bit 2, 4