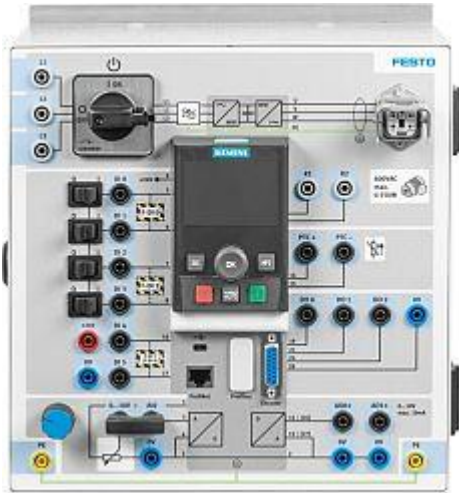


Sinamics G120 EduTrainer®



The next generation of the Sinamics G120 frequency converter – Optimised even further for training. Now in a completely new housing and EMC-compliant for use in laboratories without heeding installation instructions – just like that!

The G120 is well-suited as a beginner device, however its comprehensive functions offer plenty of potential for advanced users who want to implement complex drive tasks. Various bus systems, advanced safety functions and an optional encoder input permit perfect adjustment to the requirements and integration in control systems. All relevant ports are accessible on the front of the device and installed in 4 mm safety sockets or system connectors.

The motor is connected via the fully pre-assembled cable sold separately which permits EMC-compliant operation. The devices can be used flexibly – suspended in an A4 frame or on a table, and are equipped with an EMC filter with low leakage current. The corresponding control panels (BOP-2, IOP) are available as accessories.

Special characteristics

- Simple parametrisation via STARTER and the BOP-2 or IOP control panels
- Versatile, programmable inputs/outputs voltage/frequency characteristic curves for constant, square torque
- Encoder-free vector regulation brake functions (resistance, DC, motor holding, compound brake)
- Integrated protection/overload functions

Technical data

- 6 digital inputs, depending on the variant, 2 of which can be parameterised as failsafe inputs
- 3 digital outputs
- 1 analogue input
- 2 analogue outputs
- USB parametrisation interface (mini USB on the converter)
- Connections for temperature sensor and for external braking resistor
- Dimensions (H x W x D) 297 x 266 x 340 – 360 mm, depending on the variant
- Power supply: 3x 400 V AC
- Output: 3x 400 V AC, 0.55 kW