

# SIEMENS

## Data sheet for SINAMICS G110

MLFB-Ordering data

6SL3211-0AB13-7UA1



Figure similar

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| Rated data                                                            |                          | Ambient conditions                        |                                                                                         |
|-----------------------------------------------------------------------|--------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Input</b>                                                          |                          | Installation altitude                     | 1000 m                                                                                  |
| Number of phases                                                      | 1 AC                     | <b>Ambient temperature</b>                |                                                                                         |
| Line voltage                                                          | 200 ... 240 V $\pm 10$ % | Operation                                 | -10 ... 40 °C                                                                           |
| Line frequency                                                        | 47 ... 63 Hz             | Storage                                   | -40 ... 70 °C                                                                           |
| Rated current                                                         | 6.20 A                   | <b>Relative humidity</b>                  |                                                                                         |
| <b>Output</b>                                                         |                          | Max. operation                            | 95 % condensation not permitted                                                         |
| Number of phases                                                      | 3 AC                     | <b>Closed-loop control techniques</b>     |                                                                                         |
| Rated power                                                           | 0.37 kW                  | V/f linear / square-law / parameterizable | Yes                                                                                     |
| Rated current (IN)                                                    | 2.30 A                   | <b>Standards</b>                          |                                                                                         |
| Pulse frequency                                                       | 8 kHz                    | Compliance with standards                 | UL, cUL, CE, C-Tick (RCM)                                                               |
| Output frequency for V/f control                                      | 0 ... 650 Hz             | CE marking                                | Low-voltage directive 2006/95/EC                                                        |
| As a result of legal stipulations, a limit to 550 Hz is in production |                          | <b>Inputs / outputs</b>                   |                                                                                         |
| <b>General tech. specifications</b>                                   |                          | <b>Digital inputs</b>                     |                                                                                         |
| Offset factor cos $\varphi$                                           | 0.95                     | Number                                    | 3                                                                                       |
| <b>Communication</b>                                                  |                          | <b>Analog inputs</b>                      |                                                                                         |
| Communication                                                         | RS485                    | Number                                    | 1 (Analog variant, for setpoint (0...10 V, can be scaled or used as 4th digital input)) |
| <b>Mechanical data</b>                                                |                          | <b>Digital outputs</b>                    |                                                                                         |
| Degree of protection                                                  | IP20                     | Number                                    | 1 (Isolated optocoupler output, NPN type)                                               |
| Size                                                                  | FSA                      |                                           |                                                                                         |
| Net weight                                                            | 0.70 kg                  |                                           |                                                                                         |
| Width                                                                 | 90.0 mm                  |                                           |                                                                                         |
| Height                                                                | 150.0 mm                 |                                           |                                                                                         |
| Depth                                                                 | 116.0 mm                 |                                           |                                                                                         |