



### Ordering data

6SL3210-5BB13-7AV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Rated data                                |                                             | General tech. specifications                |                                         |
|-------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------|
| <b>Input</b>                              |                                             | <b>Power factor <math>\lambda</math></b>    | 0.72                                    |
| <b>Number of phases</b>                   | 1 AC                                        | <b>Offset factor <math>\cos \phi</math></b> | 0.95                                    |
| <b>Line voltage</b>                       | 200 ... 240 V +10 % -10 %                   | <b>Efficiency <math>\eta</math></b>         | 0.98                                    |
| <b>Line frequency</b>                     | 47 ... 63 Hz                                | <b>Ambient conditions</b>                   |                                         |
| <b>Output</b>                             |                                             | <b>Cooling</b>                              | convection cooling                      |
| <b>Number of phases</b>                   | 3 AC                                        | <b>Installation altitude</b>                | 1000 m                                  |
| <b>Rated voltage</b>                      | 230 V                                       | <b>Ambient temperature</b>                  |                                         |
| <b>Rated power</b>                        | 0.37 kW / 0.50 hp                           | <b>Operation</b>                            | 0 ... 60 °C (32 ... 140 °F)             |
| <b>Rated current (IN)</b>                 | 2.3 A                                       | <b>Storage</b>                              | -40 ... 70 °C (-40 ... 158 °F)          |
| <b>Pulse frequency</b>                    | 2 kHz                                       | <b>Relative humidity</b>                    |                                         |
| <b>Output frequency</b>                   | 0 ... 599 Hz                                | <b>Max. operation</b>                       | 95 %                                    |
| <b>Inputs/ outputs</b>                    |                                             | <b>Communication</b>                        |                                         |
| <b>Standard digital inputs</b>            |                                             | <b>Communication</b>                        | USS, Modbus RTU                         |
| <b>Number</b>                             | 4                                           | <b>Standards</b>                            |                                         |
| <b>Digital outputs</b>                    |                                             | <b>Compliance with standards</b>            | CE, cULus, C-tick, KC                   |
| <b>Number as relay changeover contact</b> | 1                                           | <b>CE marking</b>                           | EN 61800-5-1 /EN 60204-1 and EN 61800-3 |
| <b>Number as transistor</b>               | 1                                           |                                             |                                         |
| <b>Analog inputs</b>                      |                                             |                                             |                                         |
| <b>Number</b>                             | 2 (Can be used as additional digital input) |                                             |                                         |
| <b>Analog outputs</b>                     |                                             |                                             |                                         |
| <b>Number</b>                             | 1                                           |                                             |                                         |
| <b>Overload capability</b>                |                                             |                                             |                                         |

150 % rated output current during 60 s



| Mechanical data      |                                     | Connections             |      |
|----------------------|-------------------------------------|-------------------------|------|
| Mounting position    | wall mounting / side-by-side design | Max. motor cable length |      |
|                      |                                     | Shielded                | 10 m |
| Degree of protection | IP20                                | Unshielded              | 50 m |
| Size                 | FSA                                 |                         |      |
| Net weight           | 1.1 kg                              |                         |      |
| Width                | 90 mm                               |                         |      |
| Height               | 150 mm                              |                         |      |
| Depth                | 146 mm                              |                         |      |