

Article No. : 6SL3210-5BB11-2UV0

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

Item no. :  
Consignment no. :  
Project :



Figure similar

| Rated data                                            |                                             |
|-------------------------------------------------------|---------------------------------------------|
| Input                                                 |                                             |
| Number of phases                                      | 1 AC                                        |
| Line voltage                                          | 200 ... 240 V -10 % +10 %                   |
| Line frequency                                        | 47 ... 63 Hz                                |
| Output                                                |                                             |
| Number of phases                                      | 3 AC                                        |
| Rated voltage                                         | 230V IEC240V NEC <sup>1)</sup>              |
| Rated power (LO)                                      | 0.12 kW0.16 hp                              |
| Rated power (HO)                                      | 0.12 kW0.16 hp                              |
| Rated current (LO)                                    | 0.90 A0.90 A                                |
| Rated current (HO)                                    | 0.90 A0.90 A                                |
| Rated current (IN)                                    | 0.90 A                                      |
| Pulse frequency                                       | 8.00 kHz                                    |
| Output frequency                                      | 0 ... 550 Hz                                |
| Overload capability                                   |                                             |
| Low Overload (LO)                                     |                                             |
| 110 % rated output current for 60 s, cycle time 300 s |                                             |
| High Overload (HO)                                    |                                             |
| 150 % rated output current for 60 s, cycle time 300 s |                                             |
| General tech. specifications                          |                                             |
| Power factor λ                                        | 0.72                                        |
| Offset factor cos φ                                   | 0.95                                        |
| Efficiency η                                          | 0.98                                        |
| Filter class (integrated)                             | Unfiltered                                  |
| Communication                                         |                                             |
| Communication                                         | USS, Modbus RTU                             |
| Inputs / outputs                                      |                                             |
| Standard digital inputs                               |                                             |
| Number                                                | 4                                           |
| Digital outputs                                       |                                             |
| Number as relay changeover contact                    | 1                                           |
| Number as transistor                                  | 1                                           |
| Analog inputs                                         |                                             |
| Number                                                | 2 (Can be used as additional digital input) |
| Analog outputs                                        |                                             |
| Number                                                | 1                                           |

| Ambient conditions        |                                         |
|---------------------------|-----------------------------------------|
| Cooling                   | convection cooling                      |
| Installation altitude     | 1,000 m (3,280.84 ft)                   |
| Ambient temperature       |                                         |
| Operation <sup>2)</sup>   | -10 ... 60 °C (14 ... 140 °F)           |
| Storage                   | -40 ... 70 °C (-40 ... 158 °F)          |
| Relative humidity         |                                         |
| Max. operation            | 95 %                                    |
| Connections               |                                         |
| Max. motor cable length   |                                         |
| Shielded                  | 25 m (82.02 ft)                         |
| Unshielded                | 50 m (164.04 ft)                        |
| Mechanical data           |                                         |
| Mounting position         | Wall mounting / side-by-side mounting   |
| Degree of protection      | IP20 / UL open type                     |
| Frame size                | FSA                                     |
| Net weight                | 1.00 kg (2.20 lb)                       |
| Dimensions                |                                         |
| Width                     | 90.0 mm (3.54 in)                       |
| Height                    | 150.0 mm (5.91 in)                      |
| Depth                     | 145.5 mm (5.73 in)                      |
| Standards                 |                                         |
| Compliance with standards | CE, cULus, C-Tick (RCM), KC             |
| CE marking                | EN 61800-5-1 /EN 60204-1 and EN 61800-3 |

<sup>1)</sup>The output current and HP ratings are valid for the voltage range 220V-240V

<sup>2)</sup>Please observe derating at temperatures of 40 °C or above

<sup>1)</sup>The output current and HP ratings are valid for the voltage range 220V-240V

<sup>2)</sup>Please observe derating at temperatures of 40 °C or above