

Article No. : 6SL3210-5BB22-2BV1

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 -15 % +10 % |
| Line frequency   | 47 ... 63 Hz              |

#### Output

|                      |                 |                               |
|----------------------|-----------------|-------------------------------|
| Number of phases     | 3 AC            |                               |
| <b>Rated voltage</b> | <b>230V IEC</b> | <b>240V NEC <sup>1)</sup></b> |
| Rated power (LO)     | 2.20 kW         | 3.00 hp                       |
| Rated power (HO)     | 2.20 kW         | 3.00 hp                       |
| Rated current (LO)   | 11.00 A         | 11.00 A                       |
| Rated current (HO)   | 11.00 A         | 11.00 A                       |
| Rated current (IN)   | 11.00 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 $\lambda$          | 0.72    |
| Offset factor $\cos \varphi$    | 0.95    |
| Efficiency $\eta$               | 0.98    |
| Filter class (integrated)       | Class B |
| With integrated braking chopper | No      |

### 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                    | External fan                   |
| Installation altitude      | 1,000 m (3,280.84 ft)          |
| <b>Ambient temperature</b> |                                |
| 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                                  |
| Frame size           | FSAD                                  |
| Net weight           | 2.20 kg (4.85 lb)                     |

#### Dimensions

|        |                    |
|--------|--------------------|
| Width  | 136.6 mm (5.38 in) |
| Height | 176.5 mm (6.95 in) |
| Depth  | 158.8 mm (6.25 in) |

### Standards

|                           |                                         |
|---------------------------|-----------------------------------------|
| Compliance with standards | CE, cULus, C-Tick (RCM)                 |
| 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