

Article No. : 6SL3210-5BB23-0UV1

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



Figure similar

Item no. :  
Consignment no. :  
Project :

### Rated data

|                  |                           |
|------------------|---------------------------|
| <b>Input</b>     |                           |
| Number of phases | 1 AC                      |
| Line voltage     | 200 ... 240 V -15 % +10 % |
| Line frequency   | 47 ... 63 Hz              |

|                      |                                               |
|----------------------|-----------------------------------------------|
| <b>Output</b>        |                                               |
| Number of phases     | 3 AC                                          |
| <b>Rated voltage</b> | <b>230V IEC</b> <b>240V NEC <sup>1)</sup></b> |
| Rated power (LO)     | 3.00 kW      4.00 hp                          |
| Rated power (HO)     | 3.00 kW      4.00 hp                          |
| Rated current (LO)   | 13.60 A      13.60 A                          |
| Rated current (HO)   | 13.60 A      13.60 A                          |
| Rated current (IN)   | 13.60 A                                       |
| Pulse frequency      | 8.00 kHz                                      |
| Output frequency     | 0 ... 550 Hz                                  |

|                                                       |  |
|-------------------------------------------------------|--|
| <b>Overload capability</b>                            |  |
| 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 |
| With integrated braking chopper | No         |

### Communication

|               |                 |
|---------------|-----------------|
| Communication | USS, Modbus RTU |
|---------------|-----------------|

### Inputs / outputs

|                                    |                                             |
|------------------------------------|---------------------------------------------|
| <b>Standard digital inputs</b>     |                                             |
| Number                             | 4                                           |
| <b>Digital outputs</b>             |                                             |
| Number as relay changeover contact | 1                                           |
| Number as transistor               | 1                                           |
| <b>Analog inputs</b>               |                                             |
| Number                             | 2 (Can be used as additional digital input) |
| <b>Analog outputs</b>              |                                             |
| 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) |
| <b>Relative humidity</b>   |                                |
| Max. operation             | 95 %                           |

### Connections

|                                |                  |
|--------------------------------|------------------|
| <b>Max. motor cable length</b> |                  |
| 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           | 1.90 kg (4.19 lb)                     |
| <b>Dimensions</b>    |                                       |
| 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