

MLFB-Ordering data

6SL3210-1SE31-8AA0



Figure similar

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>       | 0.95 ... 0.65                             |
| Number of phases                   | 3 AC                     | <b>Offset factor <math>\cos \varphi</math></b> | 0.96                                      |
| Line voltage                       | 380 ... 480 V $\pm 10$ % | <b>Sound pressure level (1m)</b>               | 65 dB                                     |
| Line frequency                     | 47 ... 63 Hz             | <b>Power loss</b>                              | 2.31 kW                                   |
| <b>Output</b>                      |                          | <b>Ambient conditions</b>                      |                                           |
| Rated power                        | 90.00 kW                 | <b>Cooling</b>                                 | Increased air cooling due to built-in fan |
| Rated current (IN)                 | 178.00 A                 | <b>Cooling air requirement</b>                 | 0.117 m³/s                                |
| Rated current (HO)                 | 155.00 A                 | <b>Installation altitude</b>                   | 1000 m                                    |
| Current for S6 duty (40%)          | 231.00 A                 | <b>Ambient temperature</b>                     |                                           |
| Max. output current                | 290.00 A                 | <b>Operation LO</b>                            | 0 ... 40 °C (32 ... 104 °F)               |
| Rated power IEC 400V (HO)          | 75.00 kW                 | <b>Transport</b>                               | -40 ... 70 °C (-40 ... 158 °F)            |
| Rated power NEC 480V (HO)          | 100.00 hp                | <b>Storage</b>                                 | -25 ... 70 °C (-40 ... 158 °F)            |
| Pulse frequency                    | 4 kHz                    | <b>Relative humidity</b>                       |                                           |
| Output frequency for servo control | 0 ... 330 Hz             | <b>Max. operation</b>                          | 95 % at 40 °C (104 °F)                    |

SIEMENS

Data sheet for SINAMICS S110 Power Module PM340

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Figure similar

| Mechanical data      |                     | Connections                    |                               |
|----------------------|---------------------|--------------------------------|-------------------------------|
| Degree of protection | IP20 / UL open type | Line side                      |                               |
| Frame size           | FSF                 | Version                        | M8 bolt                       |
| Net weight           | 66.70 kg            | Conductor cross-section        | 120.00 mm²                    |
| Width                | 350.0 mm            | Motor end                      |                               |
| Height               | 934.0 mm            | Version                        | M8 bolt                       |
| Depth                | 315.5 mm            | Conductor cross-section        | 120.00 mm²                    |
|                      |                     | DC link (for braking resistor) |                               |
|                      |                     | Conductor cross-section        | 120.00 mm²                    |
|                      |                     | PE connection                  | M8 Screw                      |
|                      |                     | Max. motor cable length        |                               |
|                      |                     | Shielded                       | 25 m                          |
|                      |                     | Unshielded                     | 100 m                         |
| Standards            |                     |                                |                               |
|                      |                     | Compliance with standards      | cULus                         |
|                      |                     | CE marking                     | Low-voltage and EMC guideline |