

MLFB-Ordering data

6SL3224-0BE27-5UA0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Rated data | | General tech. specifications | |
|--------------------------------------------|--------------------------|------------------------------------------------|-------------------------------------|
| Input | | Power factor λ | 0.85 |
| Number of phases | 3 AC | Offset factor $\cos \varphi$ | 0.95 |
| Line voltage | 380 ... 480 V ± 10 % | Efficiency η | 0.95 |
| Line frequency | 47 ... 63 Hz | Sound pressure level (1m) | 60 dB |
| Rated current with line reactor | 26.00 A | Power loss | 0.30 kW |
| Rated current without line reactor | 31.50 A | Ambient conditions | |
| Output | | Cooling | Internal air cooling |
| Number of phases | 3 AC | Cooling air requirement | 0.055 m ³ /s |
| Rated voltage | 400 V | Installation altitude | 1000 m |
| Rated power (LO) | 11.00 kW / 15.00 hp | Ambient temperature | |
| Rated power (HO) | 7.50 kW / 10.00 hp | Operation LO | 0 ... 40 °C (32 ... 104 °F) |
| Rated current (LO) | 25.00 A | Operation HO | 0 ... 50 °C (32 ... 122 °F) |
| Rated current (HO) | 19.00 A | Transport | -40 ... 70 °C (-40 ... 158 °F) |
| Max. output current | 38.00 A | Storage | -25 ... 55 °C (-13 ... 131 °F) |
| Pulse frequency | 4 kHz | Relative humidity | |
| Output frequency for vector control | 0 ... 200 Hz | Max. operation | 95 % RH, condensation not permitted |
| Output frequency for V/f control | 0 ... 550 Hz | | |

Overload capability

Low Overload (LO)

1.1 x rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 x rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s

High Overload (HO)

1.5 x output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 x output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s

SIEMENS

Data sheet for SINAMICS Power Module PM240

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| Mechanical data | | Connections | |
|----------------------|----------|--------------------------------|-------------------------------------|
| Degree of protection | IP20 | Line side | |
| Size | FSC | Version | screw-type terminal |
| Net weight | 7.00 kg | Conductor cross-section | 2.50 ... 10.00 mm² |
| Width | 189.0 mm | Motor end | |
| Height | 334.0 mm | Version | Screw-type terminals |
| Depth | 185.0 mm | Conductor cross-section | 2.50 ... 10.00 mm² |
| | | DC link (for braking resistor) | |
| | | Version | Screw-type terminals |
| | | Conductor cross-section | 2.50 ... 10.00 mm² |
| | | PE connection | On housing with M5 screw |
| | | Max. motor cable length | |
| | | Shielded | 50 m |
| | | Unshielded | 100 m |
| Standards | | | |
| | | Compliance with standards | UL, cUL, CE, C-Tick (RCM), SEMI F47 |
| | | CE marking | Low-voltage directive 2006/95/EC |