

Article No. : 6SL3224-0BE13-7UA0



Figure similar

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

Item no. :  
Consignment no. :  
Project :

### Rated data

Input	
Number of phases	3 AC
Line voltage	380 ... 480 V ±10 %
Line frequency	47 ... 63 Hz
Rated current with line reactor	1.40 A
Rated current without line reactor	1.70 A

Output	
Number of phases	3 AC
Rated voltage	400V IEC480V NEC <sup>1)</sup>
Rated power (LO)	0.37 kW0.50 hp
Rated power (HO)	0.37 kW0.50 hp
Rated current (LO)	1.30 A
Rated current (HO)	1.30 A
Max. output current	2.60 A
Pulse frequency	4 kHz
Output frequency for vector control	0 ... 200 Hz
Output frequency for V/f control	0 ... 550 Hz

Overload capability	
Low Overload (LO)	
1.1 × rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 × rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s	
High Overload (HO)	
1.5 × output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 × output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s	

### General tech. specifications

Power factor λ	0.85
Offset factor cos φ	0.95
Efficiency η	0.97
Sound pressure level (1m)	45 dB
Power loss	0.09 kW
Filter class (integrated)	-

### Ambient conditions

Cooling	Internal air cooling
Cooling air requirement	0.005 m³/s (0.177 ft³/s)
Installation altitude	1,000 m (3,280.84 ft)
Ambient temperature	
Operation LO	0 ... 40 °C (32 ... 104 °F)
Operation HO	0 ... 50 °C (32 ... 122 °F)
Transport	-25 ... 55 °C (-13 ... 131 °F)
Storage	-25 ... 55 °C (-13 ... 131 °F)

Relative humidity	
Max. operation	95 % RH, condensation not permitted

### Connections

Line side	
Version	screw-type terminal
Conductor cross-section	1.00 ... 2.50 mm² (AWG 18 ... AWG 14)

Motor end	
Version	Screw-type terminals
Conductor cross-section	1.00 ... 2.50 mm² (AWG 18 ... AWG 14)

DC link (for braking resistor)	
Version	Screw-type terminals
Conductor cross-section	1.00 ... 2.50 mm² (AWG 18 ... AWG 14)
PE connection	On housing with M4 screw

Max. motor cable length	
Shielded	50 m (164.04 ft)
Unshielded	100 m (328.08 ft)

### Mechanical data

Degree of protection	IP20 / UL open type
Frame size	FSA
Net weight	1.10 kg (2.43 lb)
Dimensions	
Width	73 mm (2.87 in)
Height	173 mm (6.81 in)
Depth	145 mm (5.71 in)

### Standards

Compliance with standards	UL, cUL, CE, C-Tick (RCM), SEMI F47
CE marking	Low-voltage directive 2006/95/EC

## Data sheet for SINAMICS Power module PM240

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<sup>1)</sup>The output current and HP ratings are valid for the voltage range 440V-480V