



Ordering data

6SL3224-0BE24-0AA0

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 $\cos \phi$	0.95
Line voltage	380 ... 480 V ± 10 %	Efficiency η	0.95
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	50 dB
Rated current with line reactor	10.4 A	Power loss	0.18 kW
Rated current without line reactor	13.4 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.024 m³/s
Rated voltage	400 V	Installation altitude	1000 m
Rated power (LO)	4.0 kW	Ambient temperature	
Rated power (HO)	4.0 kW	Operation LO	0 ... 40 °C (32 ... 104 °F)
Rated current (LO)	10.2 A	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated current (HO)	10.2 A	Transport	-40 ... 70 °C (-40 ... 158 °F)
Max. output current	20.4 A	Storage	-25 ... 55 °C (-13 ... 131 °F)
Pulse frequency	4 kHz	Relative humidity	
Output frequency for V/f control	0 ... 650 Hz	Max. operation	95 % RH, condensation not permitted
Output frequency for vector control	0 ... 200 Hz		

Overload capability

Low Overload (LO)

1.1 × output current rating (i.e., 110 % overload) for 57 s with a cycle time of 300 s 1.5 × output current rating (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

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Mechanical data		Connections	
Degree of protection	IP20	Line side	
Size	FSB	Version	Screw-type terminals
Net weight	4.0 kg	Conductor cross-section	1.00 ... 6.00 mm²
Width	153 mm	Motor end	
Height	270 mm	Version	Screw-type terminals
Depth	165 mm	Conductor cross-section	1.00 ... 6.00 mm²
		DC link (for braking resistor)	
		Version	Screw-type terminals
		Conductor cross-section	1,00 ... 6,00 mm²
		PE connection	On enclosure with M5 screw
		Max. motor cable length	
		Shielded	50 m
		Unshielded	100 m
Standards			
Compliance with standards		?PMD_AAA074_001_000 UL_CUL_CE_C-TICK_SEMI_F47?	
CE marking		According to low-voltage directive 2006/95/EC	