



MLFB-Ordering data

6SL5310-1BE13-5DF0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		Communication	
Input		Communication	PROFINET
Number of phases	3 AC	Ambient conditions	
Line voltage	200 ... 480 V ±10 %	Installation altitude	1000 m (3280.84 ft)
Line frequency	45 ... 66 Hz	Cooling	Air cooling using an integrated fan
Rated current	12.5 A	Ambient temperature during	
Inrush current	27.8 A	Operation	0 ... 50 °C (32 ... 122 °F)
Output			Better than class 3K3, in acc. with EN 60721-3-3: 2002, without derating
Number of phases	3 AC	Transport	-40 ... 70 °C (-40 ... 158 °F)
Rated power (at 400V)	3.50 kW		Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Rated power (at 240V)	2.10 kW	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated current I _N	9.0 A		Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging
Max. output current	33.0 A	Relative humidity during	
Pulse frequency	8 kHz	Max. operation	95 %
Output frequency for servo control	0 ... 550 Hz		RH, condensation not permitted
Electronics power supply		Transport, max.	95 %
Voltage	24 V -15 % ... +20 %		at 40 °C (104 °F)
Current demand, max.	1.2 A	Bearing, max.	95 %



Figure similar

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Inputs / outputs	Connections																				
<div>Standard digital inputs</div> <table><tr><td>Number</td><td>5</td></tr><tr><td></td><td>of which 2 for F-DI</td></tr></table>	Number	5		of which 2 for F-DI	<div>Line side</div> <table><tr><td>Version</td><td>push-in spring-type terminals</td></tr><tr><td>Conductor cross-section</td><td>0.75 ... 6.00 mm² / 18 ... 10 AWG</td></tr></table>	Version	push-in spring-type terminals	Conductor cross-section	0.75 ... 6.00 mm² / 18 ... 10 AWG												
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<div>Fail-safe digital inputs</div> <table><tr><td>Number</td><td>1</td></tr><tr><td></td><td>Can only be used for STO/SS1-t</td></tr></table>	Number	1		Can only be used for STO/SS1-t	<div>Motor end</div> <table><tr><td>Version</td><td>push-in spring-type terminals</td></tr><tr><td>Conductor cross-section</td><td>0.75 ... 6.00 mm² / 18 ... 10 AWG</td></tr></table>	Version	push-in spring-type terminals	Conductor cross-section	0.75 ... 6.00 mm² / 18 ... 10 AWG												
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Mechanical data	DC link (for braking resistor)																				
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¹⁾ Cable length with possibility of connection an external filter