



MLFB-Ordering data

6SL5310-1BB10-4CF0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		Communication	
Input		Communication	PROFINET
Number of phases	1 AC	Ambient conditions	
Line voltage	200 ... 240 V ±10 %	Installation altitude	1000 m (3280.84 ft)
Line frequency	45 ... 66 Hz	Cooling	convection cooling
Rated current	5.0 A	Ambient temperature during	
Inrush current	8.0 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	0.40 kW		Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Rated current I _N	2.4 A	Storage	-25 ... 55 °C (-13 ... 131 °F)
Max. output current	8.7 A		Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging
Pulse frequency	8 kHz	Relative humidity during	
Output frequency for servo control	0 ... 550 Hz	Max. operation	95 %
Electronics power supply			RH, condensation not permitted
Voltage	24 V -15 % ... +20 %	Transport, max.	95 %
Current demand, max.	0.8 A		at 40 °C (104 °F)
		Bearing, max.	95 %



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Inputs / outputs	Connections																		
<div>Standard digital inputs</div> <table><tr><td>Number</td><td>5 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>0.20 ... 2.50 mm² / 24 ... 14 AWG</td></tr></table>	Version	push-in spring-type terminals	Conductor cross-section	0.20 ... 2.50 mm² / 24 ... 14 AWG												
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Mechanical data	<div>DC link (for braking resistor)</div> <table><tr><td>Version</td><td>push-in spring-type terminals</td></tr><tr><td>Conductor cross-section</td><td>0.20 ... 2.50 mm² / 24 ... 14 AWG</td></tr><tr><td>Cable length</td><td>10 m (32.81 ft)</td></tr></table>	Version	push-in spring-type terminals	Conductor cross-section	0.20 ... 2.50 mm² / 24 ... 14 AWG	Cable length	10 m (32.81 ft)												
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	Standards																		
	<div>Compliance with standards</div> <div>CE, cULus, RCM, UKCA</div> <div>CE marking</div> <div>Low-voltage directive 2006/95/EC</div> <div>Verification of suitability for fail-safety</div> <div>SIL 3 in acc. with IEC 61508 and IEC 61800-5-2, PL e in acc. with ISO 13849-1, Category 3 or Category 4 in acc. with ISO 13849-1</div>																		

¹⁾ Cable length with possibility of connection an external filter