

## **MLFB-Ordering data**

6SL3210-5HB10-4UF0



Figure similar

Client order no. : Item no. :
Order no. : Consignment no. :
Offer no. : Project :
Remarks :

Rated data		Con	Communication	
nput		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 duri	ing	
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			
Rated power	0.40 kW	Transport	-40 70 °C (-40 158 °F) Class 2K4, in acc. with EN 60721-3-2 1997, in transport packaging	
Rated current I <sub>N</sub>	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		1997, in product packaging	
Output frequency for servo control	0 550 Hz	Relative humidity during		
Electronics pov	vor supply	Max. operation	95 %	
Liectionics pov	ver 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		Conn	actions	
		Connections		
Standard digital inputs		Line side		
Number	5	Version	push-in spring-type terminals	
	of which 2 for F-DI	Conductor cross-section	0.20 2.50 mm² / 24 14 AWG	
Fail-safe digital inputs		Motor end		
Number	1	Version	push-in spring-type terminals	
	Can only be used for STO/SS1	Conductor cross-section	0.20 2.50 mm² / 24 14 AWG	
Mechanical data		DC link (for braking resistor)		
Dimensions		Version	push-in spring-type terminals	
Width	55.0 mm (2.17 in)	Conductor cross-section	0.20 2.50 mm² / 24 14 AWG	
Height without shield plate	170.0 mm (6.69 in)	Cable length	3 m (9.84 ft)	
Depth	172.4 mm (6.79 in)	PE connection		
Mounting position	vertical wall mounting	Version	M4 screw studs	
Degree of protection	IP20 / UL open type	Max. motor cable length 1)		
Frame size	FSB	Shielded	50 m (164.04 ft)	
Net weight	1.30 kg (2.87 lb )	Standards		
	•	Compliance with standards	CE, cULus, RCM, KC, EAC, UKCA	
		CE marking	Low-voltage directive 2006/95/EC	
		Verification of suitability for fail- safety	SIL 2 in acc. with IEC 61508 parts 1-3 (2010) and IEC 61800-5-2 (2016), PL d in acc. with ISO 13849 part 1 (2015), Category 3 in acc. with ISO 13849 part 1 (2015)	

<sup>1)</sup> Cable length with possibility of connection an external filter