

MLFB-Ordering data

6SL3210-5HB10-2UF0



Figure similar

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

ltem no. :
Consignment no. :
Project :

Rated data		Сог	Communication	
Input		Communication	PROFINET	
Number of phases	1 AC	Amb	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	2.7 A	Ambient temperature duri	ing	
Inrush current	8.0 A	Operation	0 50 °C (32 122 °F)	
Output Number of phases	3 AC		Better than class 3K3, in acc. with EN 60721-3-3: 2002, without derating	
Rated power	0.20 kW	Transport	-40 70 °C (-40 158 °F) Class 2K4, in acc. with EN 60721-3-2:	
Rated current I _N	1.4 A	Storage	1997, in transport packaging -25 55 °C (-13 131 °F)	
Max. output current	4.8 A		Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging	
Pulse frequency Output frequency for servo control	8 kHz 0 550 Hz	Relative humidity during		
		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	
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	45.0 mm (1.77 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	FSA	Shielded	50 m (164.04 ft)
Net weight	1.10 kg (2.43 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)

¹⁾ Cable length with possibility of connection an external filter