

MLFB-Ordering data 6SL5310-1BE11-5DF0



Figure similar

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	6.0 A	Ambient temperature during	
Inrush current	8.6 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)	1.50 kW		Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Rated power (at 240V)	0.90 kW	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated current I _N	5.0 A		Class 1K4, in acc. with EN 60721-3-1: 1997, in product packaging
Max. output current	19.0 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.	1.0 A	Bearing, max.	95 %

MLFB-Ordering data

6SL5310-1BE11-5DF0



Inputs / outputs		Connections	
Standard digital inputs		Line side	
Number	5 of which 2 for F-DI	Version	push-in spring-type terminals
		Conductor cross-section	0.75 ... 6.00 mm² / 18 ... 10 AWG
Fail-safe digital inputs		Motor end	
Number	1 Can only be used for STO/SS1-t	Version	push-in spring-type terminals
		Conductor cross-section	0.75 ... 6.00 mm² / 18 ... 10 AWG
Mechanical data		DC link (for braking resistor)	
Dimensions		Version	push-in spring-type terminals
Width	70.0 mm (2.76 in)	Conductor cross-section	0.75 ... 6.00 mm² / 18 ... 10 AWG
Height without shield plate	280.0 mm (11.00 in)	Cable length	10 m (32.81 ft)
Depth	222.8 mm (8.77 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	3.30 kg (7.28 lb)	Standards	
		Compliance with standards	CE, cULus, RCM, UKCA
		CE marking	Low-voltage directive 2006/95/EC
		Verification of suitability for fail-safety	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

¹⁾ Cable length with possibility of connection an external filter