

MLFB-Ordering data

6SL3210-5HE13-5UF0



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	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 (4.76 hp)		Class 2K4, in acc. with EN 60721-3-2: 1997, in transport packaging
Rated current I_N	9.0 A	Storage	-25 ... 55 °C (-13 ... 131 °F)
Max. output current	33.0 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.	1.2 A		at 40 °C (104 °F)
		Bearing, max.	95 %

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Figure similar

Inputs / outputs	Connections																		
Standard digital inputs <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	Line side <table><tr><td>Version</td><td>push-in spring-type terminals</td></tr><tr><td>Conductor cross-section</td><td>0.8 ... 6.0 mm² / 18 ... 10 AWG</td></tr></table>	Version	push-in spring-type terminals	Conductor cross-section	0.8 ... 6.0 mm² / 18 ... 10 AWG										
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Mechanical data	DC link (for braking resistor) <table><tr><td>Version</td><td>push-in spring-type terminals</td></tr><tr><td>Conductor cross-section</td><td>0.8 ... 6.0 mm² / 18 ... 10 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	0.8 ... 6.0 mm² / 18 ... 10 AWG	Cable length	10 m (32.81 ft)												
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	Verification of suitability for fail-safety <table><tr><td></td><td>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 IEC 60204 (2007)</td></tr></table>		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 IEC 60204 (2007)																
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