

MLFB-Ordering data

6SL3210-1KE23-8UB1



Figure similar

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

ltem no. :	
Consignment no. :	
Project :	

0.70 0.85 0.95 0.97 66 dB 0.50 kW itions ooling using an integrated fan 8 m³/s 0 m	
0.97 66 dB 0.50 kW itions ooling using an integrated fan 8 m³/s	
66 dB 0.50 kW itions ooling using an integrated fan 8 m³/s 0 m	
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ooling using an integrated fan 8 m³/s 0 m	
8 m³/s 0 m	
8 m³/s 0 m	
D m	
40 °C (14 104 °F)	
40 °C (14 104 °F)	
70 °C (-40 158 °F)	
70 °C (-40 158 °F)	
95 % At 40 °C (104 °F), condensation Max. operation and icing not permissible	
	Closed-loop control techniques
Yes	
Yes	
Yes	
Yes	
No	
No	
No	
Communication	



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Figure similar

Mechanical data		Connections
Degree of protection	IP20 / UL open type	Signal cable
Size	FSC	Conductor cross-section 0.15 1.50 mm² (28 16 AWG)
Net weight	4.40 kg	Line side
Width	140.0 mm	Version Plug-in screw terminals
Height	295.0 mm	Conductor cross-section 6.00 16.00 mm ² (10 5 AWG)
Depth	203.0 mm	Motor end
Inputs /	outputs	Version Plug-in screw terminals
Standard digital inputs		Conductor cross-section 6.00 16.00 mm ² (10 5 AWG)
Number	6	DC link (for braking resistor)
Switching level: 0→1	11 V	Version Plug-in screw terminals
Switching level: 1→0	5 V	Conductor cross-section 6.00 16.00 mm ² (10 5 AWG)
Max. inrush current	15 mA	PE connection On housing with M4 screw
ail-safe digital inputs		Max. motor cable length
Number	1	Shielded 50 m
Digital outputs		Unshielded 100 m
Number as relay changeover conta	act 1	Converter losses to EN 50598-2*
Output (resistive load)	DC 30 V, 0.5 A	Efficiency class IE2
Number as transistor	1	IEZ
Output (resistive load)	DC 30 V, 0.5 A	100%)
Analog / digital inputs		↑
Number	1 (Differential input)	328.0 W (1.28 %) 381.0 W (1.48 %) 461.0 W (1.80 %)
Analog outputs		
Number	1 (Non-isolated output)	204.0 W (0.80 %) 225.0 W (0.88 %) 252.0 W (0.98 %)
PTC/ KTY interface		163.0 W (0.63 %) 172 W (0.67 %)
1 motor temperature sensor input, s and Thermo-Click, accuracy $\pm 5~^\circ\text{C}$	ensors that can be connected: PTC, KTY	25%
Stan	dards	50% 90% f
Compliance with standards UL,	cUL, CE, C-Tick (RCM)	The percentage values show the losses in relation to the rated apparent power of the converter.
	Directive 2004/108/EC, Low-Voltage ctive 2006/95/EC	The diagram shows the losses for the points (as per standard EN 50598) of the relative torque generating current (I) over the relative motor stator frequency(f). The values are valid for the basic version of the converter without options/components.

*calculated values; increased by 10% according to the standard