



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE38-4AA3-Z
D14+G60+K74+L26+L45+L50+L57+M54

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

Item no.:
Consignment no.:
Project:

Rated data		Converter losses to IEC61800-9-2*			
Input		Efficiency class	IE2		
Supply frequency	47...63 Hz	Comparison with the reference converter (90% / 100%)	45.6 %		
Input supply voltage	400 V ±10%				
Rated input current	873 A				
Max. current	1344 A				
Pulse number	6				
Regenerative capability	No (2Q)				
Output:		The percentage values show the losses in relation to the rated apparent power of the converter.			
Output voltage	400 V	The diagram shows the losses for the points (as per standard IEC61800-9-2) 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 including line choke without options/components.			
Rated output (LO) in kW	450 kW				
Rated power (HO) in kW	400 kW				
Rated output current	784 A				
Rated output current (LO)	765 A				
Rated output current (HO)	653 A	*converted values			
Output current Max	1230 A				
Pulse frequency (default setting)	1.25 kHz				
Basic data:				Special design	
Power losses ΔP	10.8 kW			D14	Preliminary generation of customer documentation
Power loss including options	10.8 kW	G60	TM31 customer terminal strip		
Sound pressure level L _{pA} (1 m)	70 dB	K74	Supply of Cabinet internal AC 230 V auxiliary power		
Conductor cross section, max. (IEC)	8 x 240 mm ²	L26	Main switch including fuses or circuit breaker		
Degree of protection	IP54	L45	EMERGENCY OFF pushbutton, mounted in the cabinet door		
Dimensions (H x W x D)	2400 mm x 1200 mm x 600 mm	L50	Cabinet lighting with service socket outlet		
Weight approx.	780 kg	L57	EMERGENCY OFF, Category 0, uncontrolled stopping		
Frame size	H	M54	IP54 degree of protection		
Type	A				
Color, paint shade	RAL7035				
Environmental conditions					
Installation altitude	1000 m				
Coolant	Air				
Air cooling requirements	0.78 m³/s				
Ambient temperature	0 °C - +40 °C				

¹⁾ The L50 and L55 options always require an external supply voltage and may not be supplied via