



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE38-4AA3-Z
L10+L26+L45+L50+L57+M23+M90

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 frequency47...63 Hz	Comparison with the reference converter (90% / 100%)45.6 %
Supply voltage400 V ±10%	
Rated input current873 A	
Max. current1344 A	
Pulse number6	
Energy recovery capabilityNo (2Q)	
Output:	
Output voltage400 V	The percentage values show the losses in relation to the rated apparent power of the converter.
Rated power (LO) in kW450 kW	
Rated power (HO) in kW400 kW	
Rated output current840 A	
Rated output current (LO)820 A	
Rated output current (HO)700 A	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.
Output current Max1230 A	
Pulse frequency (factory setting)1.25 kHz	
Basic data:	
Power losses ΔP10.8 kW	
Power loss including options12.05 kW	Special design L10du/dt filter plus Voltage Peak Limiter L26Main switch including fuses or circuit breaker L45EMERGENCY OFF pushbutton, mounted in the cabinet door L50Cabinet lighting with service socket outlet L57EMERGENCY OFF, Category 0, uncontrolled stopping M23IP23 degree of protection M90Crane transport assembly (mounted at the top)
Sound pressure level L _{pA} (1 m)70 dB	
Conductor cross section, max. (IEC)8 x 240 mm²	
Degree of protectionIP23	
Dimensions (H x W x D)2400 mm x 1600 mm x 600 mm	
Weight approx.780 kg	
Frame sizeH	
DesignA	
Color, paint shadeRAL7035	
Environmental conditions	
Installation altitude1000 m	
CoolantAir	
Coolant requirement, air0.78 m³/s	
Ambient temperature0 °C - +40 °C	