



Data sheet for SINAMICS G150

MLFB-Ordering data: 6SL3710-1GE36-1CA3-Z
K95+M06+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 frequency47...63 Hz	Comparison with the reference converter (90% / 100%)49.7 %
Input supply voltage400 V ±10%	
Rated input current629 A	
Max. current967 A	
Pulse number6	
Regenerative capabilityNo (2Q)	
Output:	
Output voltage400 V	The percentage values show the losses in relation to the rated apparent power of the converter.
Rated output (LO) in kW315 kW	
Rated power (HO) in kW250 kW	
Rated output current564 A	
Rated output current (LO)550 A	
Rated output current (HO)429 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 Max885 A	
Pulse frequency (default setting)1.25 kHz	
Basic data:	
Power losses ΔP8.53 kW	
Power loss including options8.53 kW	Special design K95Control Unit kit CU320-2 PN (PROFINET, EtherNet/IP) M06Base 100 mm high, RAL 7022 M54IP54 degree of protection
Sound pressure level L _{pA} (1 m)70 dB	
Conductor cross section, max. (IEC)4 x 240 mm²	
Degree of protectionIP54	
Dimensions (H x W x D)2500 mm x 600 mm x 600 mm	
Weight approx.670 kg	*converted values
Frame sizeH	
TypeC (compact)	
Color, paint shadeRAL7035	
Environmental conditions	
Installation altitude1000 m	
CoolantAir	
Air cooling requirements0.78 m³/s	
Ambient temperature0 °C - +40 °C	