

Data sheet for SINAMICS G150



MLFB-Ordering data: **6SL3710-2GH41-4AA3-Z**
G51+G60+K74+L23+L26+L45+L57+M06+M54

Client order no.: _____ Item no.: _____
Order no.: _____ Consignment no.: _____
Offer no.: _____ Project: _____
Remarks: _____

Rated data

Input

Supply frequency	47...63 Hz
Supply voltage	690 V ±10%
Rated input current	1424 A
Max. current	2186 A
Pulse number	12
Energy recovery capability	No (2Q)

Output:

Output voltage	690 V
Rated power (LO) in kW	1350 kW
Rated power (HO) in kW	1200 kW
Rated output current	1269 A
Rated output current (LO)	1226 A
Rated output current (HO)	1135 A
Pulse frequency (factory setting)	1.25 kHz

Basic data:

Power losses ΔP	-
Power loss including options	26.6 kW
Sound pressure level L_{pA} (1 m)	75 dB
Conductor cross section, max. (IEC)	8 x 240 mm ²
Degree of protection	IP54
Dimensions (H x W x D)	2500 mm x 3200 mm x 600 mm
Weight approx.	2620 kg
Frame size	JX
Design	A
Color, paint shade	RAL7035

Special design

G51	1x TM150 temperature sensor evaluation unit
G60	TM31 customer terminal strip
K74	Supply of Cabinet internal AC 230 V auxiliary power
L23	Line reactor uk = 2 % (for converters > 500 kW)
L26	Main switch including fuses or circuit breaker
L45	EMERGENCY OFF pushbutton, mounted in the cabinet door
L57	EMERGENCY OFF, Category 0, uncontrolled stopping
M06	Base 100 mm high, RAL 7022
M54	IP54 degree of protection

Environmental conditions

Installation altitude	1000 m
Coolant	Air
Coolant requirement, air	2.96 m ³ /s
Ambient temperature	0 °C - +40 °C