



MLFB-Ordering data: **6SL3710-1GE35-0AA3-Z**
D02+L00+L13+L26+L50+L55+L57+M06+M43+M90

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

Rated data

Input	
Supply frequency	47...63 Hz
Supply voltage	400 V ±10%
Rated input current	509 A
Max. current	781 A
Pulse number	6
Energy recovery capability	No (2Q)

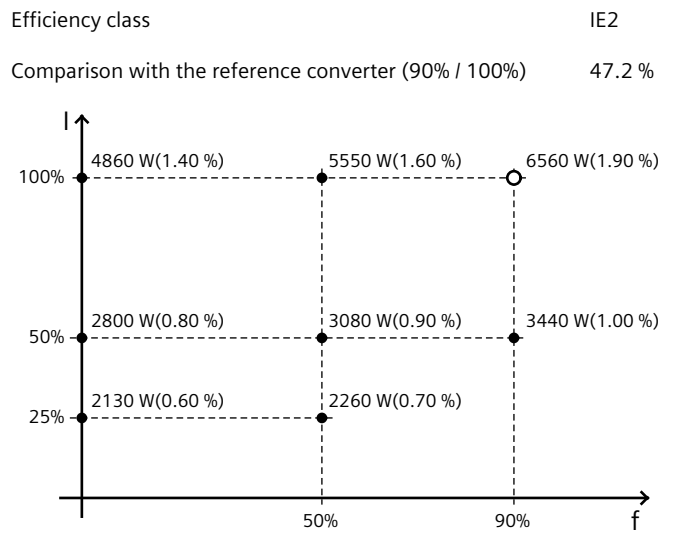
Output:	
Output voltage	400 V
Rated power (LO) in kW	250 kW
Rated power (HO) in kW	200 kW
Rated output current	490 A
Rated output current (LO)	477 A
Rated output current (HO)	438 A
Output current Max	715 A
Pulse frequency (factory setting)	2 kHz

Basic data:	
Power losses ΔP	6.56 kW
Power loss including options	6.62 kW
Sound pressure level L _{pA} (1 m)	69 dB
Conductor cross section, max. (IEC)	4 x 240 mm ²
Degree of protection	IP43
Dimensions (W x H x D)	2500 mm x 1000 mm x 600 mm
Weight approx.	670 kg
Frame size	G
Design	A
Color, paint shade	RAL7035

Environmental conditions

Installation altitude	1000 m
Coolant	Air
Coolant requirement, air	0.36 m ³ /s
Ambient temperature	0 °C - +40 °C

Converter losses to IEC61800-9-2*



The percentage values show the losses in relation to the rated apparent power of the converter.

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.

*calculated values

Special design

- D02 Customer documentation (circuit, terminal, layout diagram) in the DXF format
- L00 Use in the first environment according to EN 61800-3 Category C2 (TN line supplies or TT line supplies with a grounded neutral point)
- L13 Line contactor (for currents ≤ 800 A for single connection)
- L26 Main switch including fuses or circuit breaker
- L50 Cabinet lighting with service socket outlet
- L55 Cabinet anti-condensation heating
- L57 EMERGENCY OFF, Category 0, uncontrolled stopping
- M06 Base 100 mm high, RAL 7022
- M43 IP43 degree of protection
- M90 Crane transport assembly (mounted at the top)