

Siemens 6SL3210-1PE33-0AL0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	-

Description

6SL3210-1PE33-0AL0

SINAMICS PM240-2 FSG-C2-400V-160kW

SINAMICS G120/S120 POWER MODULE PM240-2 FSG Integrated Filter EMC Class C2 WITH BUILT IN BRAKING CHOPPER 3AC380-480V+10/-10% 47-63Hz OUTPUT HIGH OVERLOAD: 132kW FOR 200% 3S,150% 57S,100% 240S AMBIENT TEMP -20 bis +50 DEG C (HO) OUTPUT LOW OVERLOAD: 160kW FOR 150% 3S,110% 57S,100% 240S AMBIENT TEMP -20 bis +40 DEG C (LO) 1000x305x357 (HXWXD), FSG PROTECTION IP20 WITHOUT CONTROL UNIT AND PANEL APPROVED FOR CU FIRMWARE- Version V4.7 SP9 AND V5.1

Packaging dimensions (L x W x H)

395.00 x 1190.00 x 591.00 mm

www.AutoDCSTech.com

Net weight

107.000 Kg

Environment related

WEEE (2012/19/EU) Take-Back Obligations

Yes

Compliance with the substance restrictions according to RoHS directive

Since: 01.01.2018

REACH Art. 33 Duty to inform according to the current list of candidates

Lead CAS-No. 7439-92-1 > 0,1 % (w / w)

Lead monoxide (lead oxide) CAS-No. 1317-36-8 > 0,1 % (w / w)

Cadmium oxide CAS-No. 1306-19-0 > 0,1 % (w / w)

IbIREACHCode0237 IbIREACHCasNo0237 > 0,1 % (w / w)

SCIP Number

5edcc585-8cfb-4f2e-aebe-a206f71873ff

Rated data

Input

Number of phases 3AC

Line voltage 380 .. 480V $\pm$ 10%

Line frequency 47...63Hz

Rated current(LO) 300.00A

Rated current(HO) 275.00 A

Output

Number of phases 3AC

Rated voltage 400V

Rated current(LO) 302.00A

Rated current(HO) 250.00 A

Max. output current 500.00A

Rated power IEC 400V(LO) 160.00kW

Rated power NEC 480V (LO) 250.00 hp

Rated power IEC 400V(HO) 132.00 kW

Rated power NEC 480V(HO) 200.00 hp

Pulse frequency 2 kHz

Output frequency for vector control 0.. 200 Hz

Output frequency for V/f control 0 ... 550 Hz

Overload capability Low Overload (LO)

1.1 x rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 x rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s

High Overload (HO)

1.5 x output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 x output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s

General tech. specifications

Power factor 0.9

Offset factor $\cos \varphi$ 0.98

Efficiency 0.98

Sound pressure level (1m) 75 dB

Power loss 3.66 kW

Filter class (integrated) Class A

Ambient conditions

Cooling Internal air cooling

Cooling air requirement 0.210 m³/s (7.416 ft³/s)

Installation altitude 1000 m(3280.84 ft)

Ambient temperature

Operation LO -20...40°C(-4...104°F)

Operation HO -20...50°C(-4...122°F)

Transport Storage -40... 70°C(-40...158°F)

Relative humidity -40... 70°C(-40... 158°F)

Max.operation 95 % RH, condensation not permitted