

Dimension Drawings

SINAMICS G130 Drive Converter Chassis Units

Line voltage V	Type rating kW	Rated output current A	Order No	Frame size	Dimension Drawing			
					Page			
380 - 480	110	210	6SL3310-1GE32-1AA3	FX	2			
	132	260	6SL3310-1GE32-6AA3		2			
	160	310	6SL3310-1GE33-1AA3	GX	3			
	200	380	6SL3310-1GE33-8AA3		3			
	250	490	6SL3310-1GE35-0AA3		3			
	315	605	6SL3310-1GE36-1AA3	HX	4			
	400	745	6SL3310-1GE37-5AA3		4			
	450	840	6SL3310-1GE38-4AA3		4			
	560	985	6SL3310-1GE41-0AA3	JX	5			
	500 - 600	110	175	6SL3310-1GF31-8AA3	GX	6		
132		215	6SL3310-1GF32-2AA3		6			
160		260	6SL3310-1GF32-6AA3		6			
200		330	6SL3310-1GF33-3AA3		6			
250		410	6SL3310-1GF34-1AA3	HX	7			
315		465	6SL3310-1GF34-7AA3		7			
400		410	6SL3310-1GF35-8AA3		7			
500		735	6SL3310-1GF37-4AA3	JX	8			
560		810	6SL3310-1GF38-1AA3		8			
660 - 690	75	85	6SL3310-1GH28-5AA3	FX	9			
	90	100	6SL3310-1GH31-0AA3		9			
	110	120	6SL3310-1GH31-2AA3		9			
	132	150	6SL3310-1GH31-5AA3		9			
	160	175	6SL3310-1GH31-8AA3	GX	10			
	200	215	6SL3310-1GH32-2AA3		10			
	250	260	6SL3310-1GH32-6AA3		10			
	315	330	6SL3310-1GH33-3AA3		10			
	400	410	6SL3310-1GH34-1AA3	HX	11			
	450	465	6SL3310-1GH34-7AA3		11			
	560	575	6SL3310-1GH35-8AA3		11			
	710	735	6SL3310-1GH37-4AA3	JX	12			
	800	810	6SL3310-1GH38-1AA3		12			

SINAMICS G130 Drive Converter Chassis Units

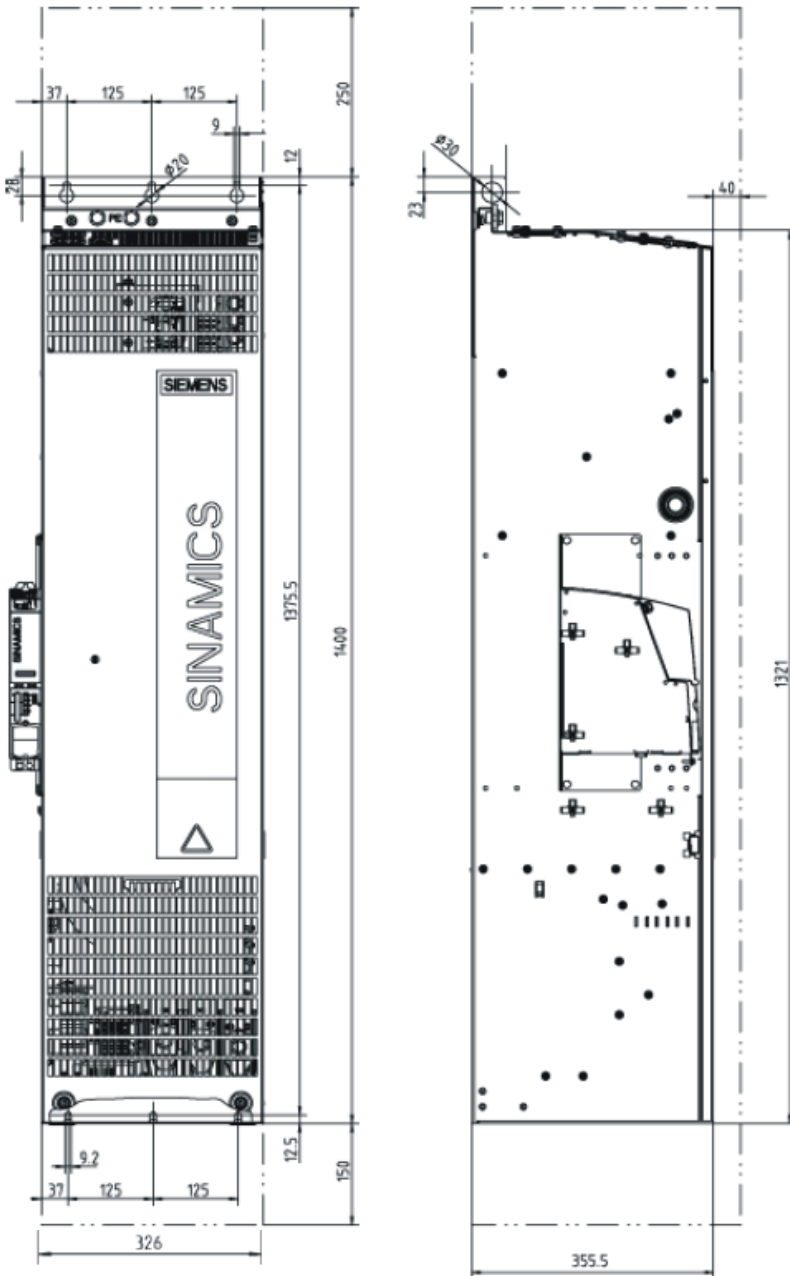
Line voltage 380 - 480 V

110 kW
132 kW

210 A
260 A

6SL3310-1GE32-1AA3
6SL3310-1GE32-6AA3

Frame size FX



Front view

Side view

Required clearance for ventilation - - - - -

Line supply connection			Motor connection			Grounding			
Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
2 x 185	2 x 350 MCM	(1)	2 x 185	2 x 350 MCM	(1)	PE1	2 x 185	2 x 350 MCM	(2)
						PE2	2 x 185	2 x 350 MCM	(2)

SINAMICS G130 Drive Converter Chassis Units

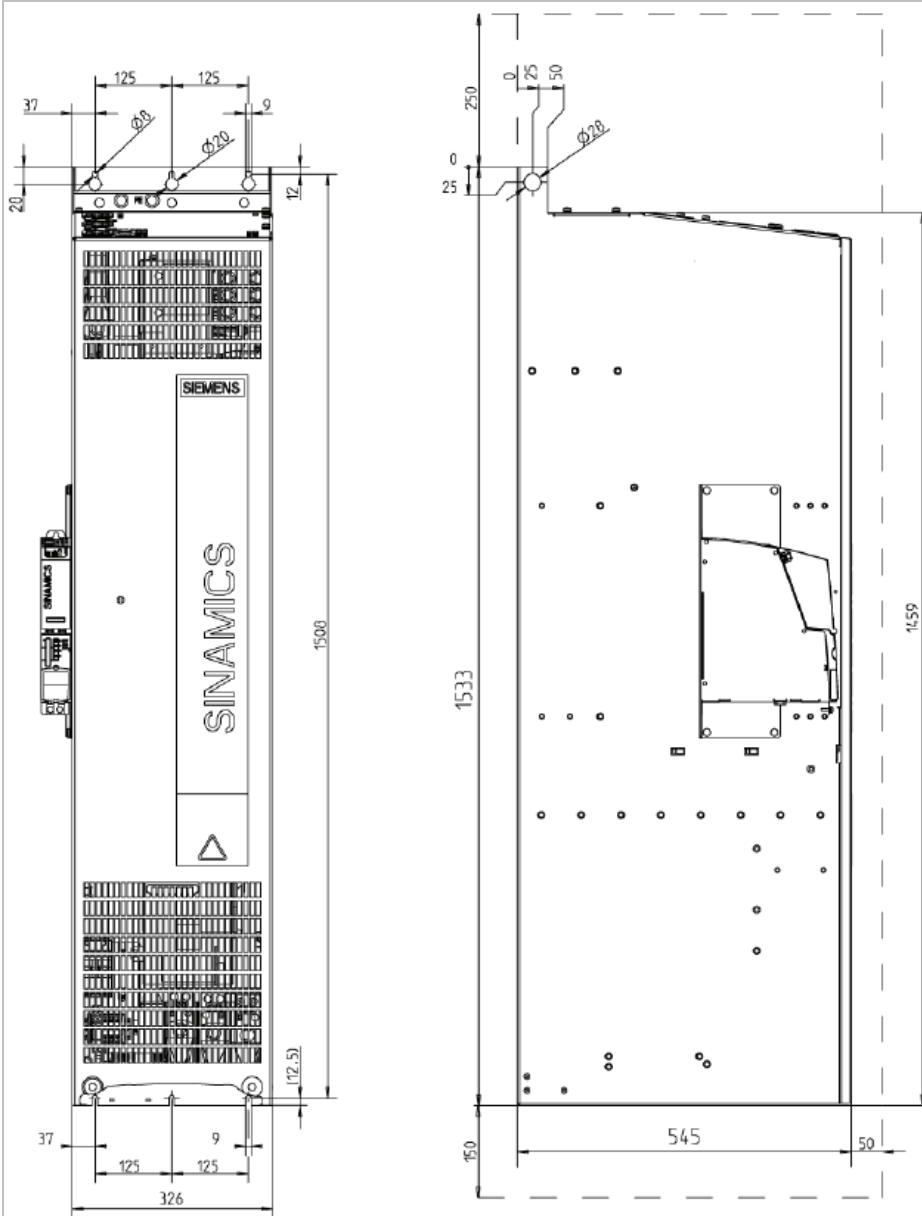
Line voltage 380 - 480 V

160 kW
200 kW
250 kW

310 A
380 A
490 A

6SL3310-1GE33-1AA3
6SL3310-1GE33-8AA3
6SL3310-1GE35-0AA3

Frame size GX



Front view

Side view

Required clearance for ventilation

Line supply connection

Motor connection

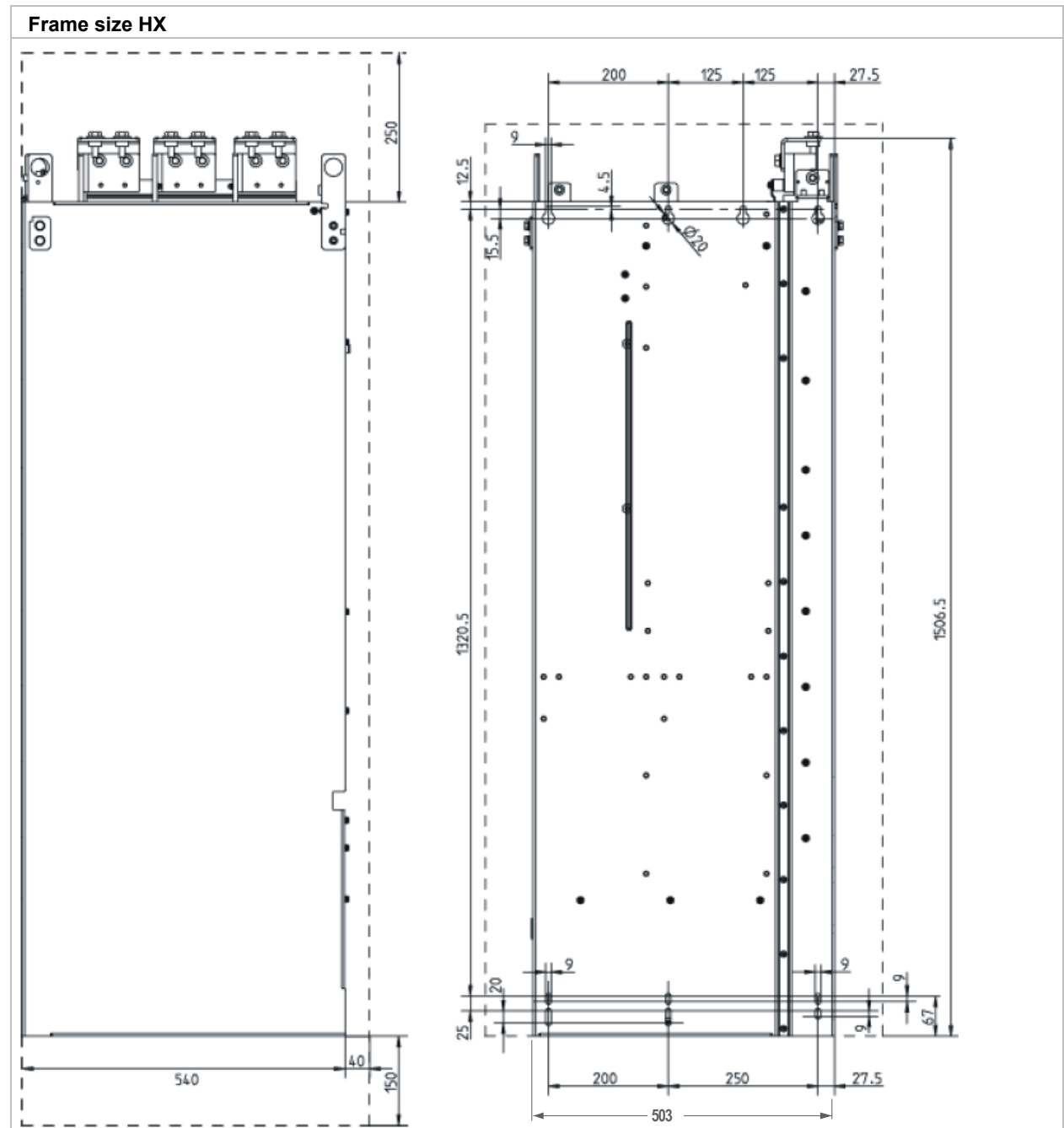
Grounding

Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
2 x 240	2 x 500 MCM	(1)	2 x 240	2 x 500 MCM	(1)	PE1	2 x 240	2 x 500 MCM	(2)
						PE2	2 x 240	2 x 500 MCM	(2)

SINAMICS G130 Drive Converter Chassis Units

Line voltage 380 - 480 V

315 kW	605 A	6SL3310-1GE36-1AA3
400 kW	745 A	6SL3310-1GE37-5AA3
450 kW	840 A	6SL3310-1GE38-4AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection			Motor connection			Grounding		
Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)
4 x 240	4 x 500 MCM	(2)	4 x 240	4 x 500 MCM	(2)	PE1 2 x 240	2 x 500 MCM	(1)
						PE2 4 x 240	4 x 500 MCM	(2)

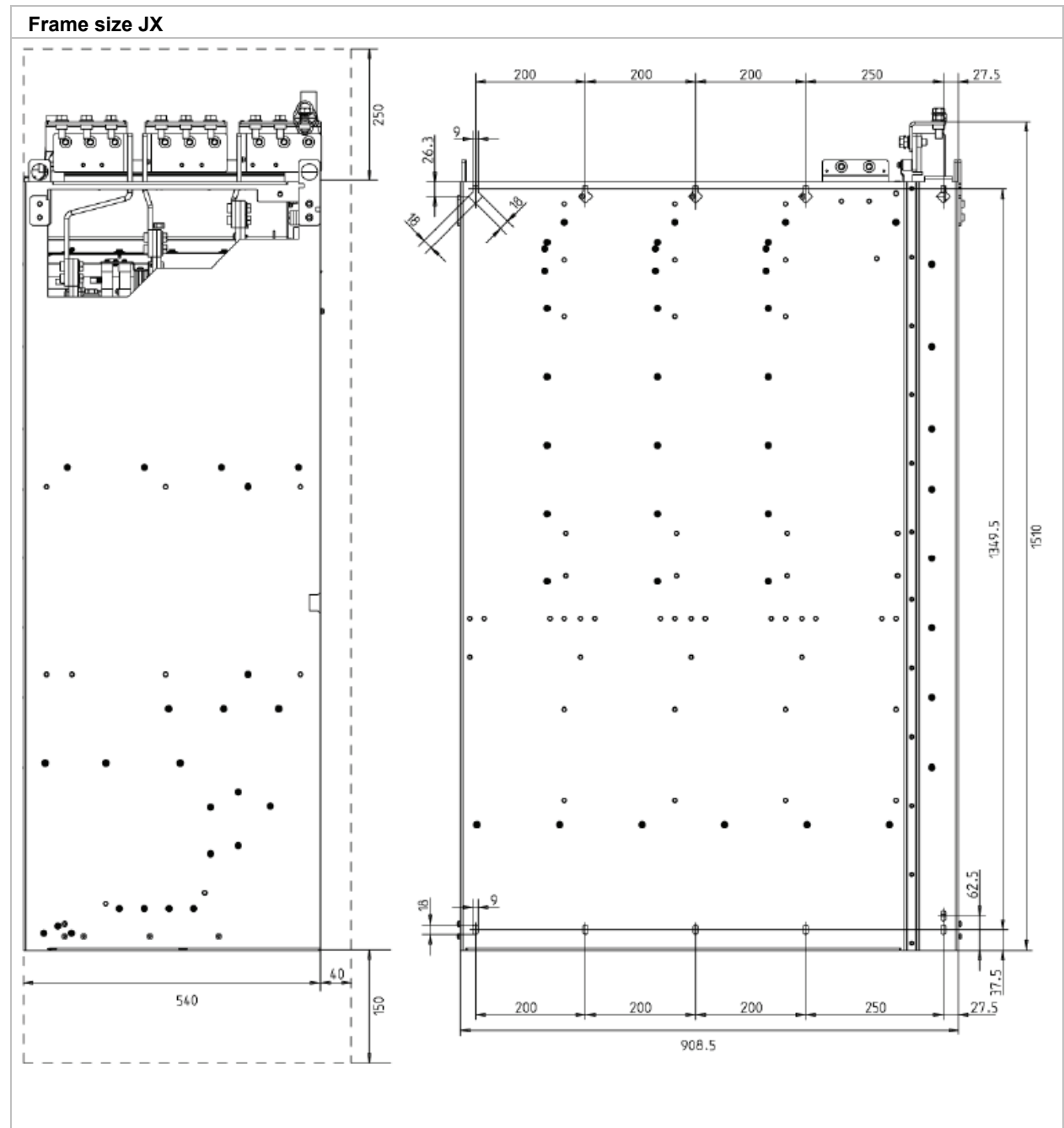
SINAMICS G130 Drive Converter Chassis Units

Line voltage 380 - 480 V

560 kW

985 A

6SL3310-1GE41-0AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

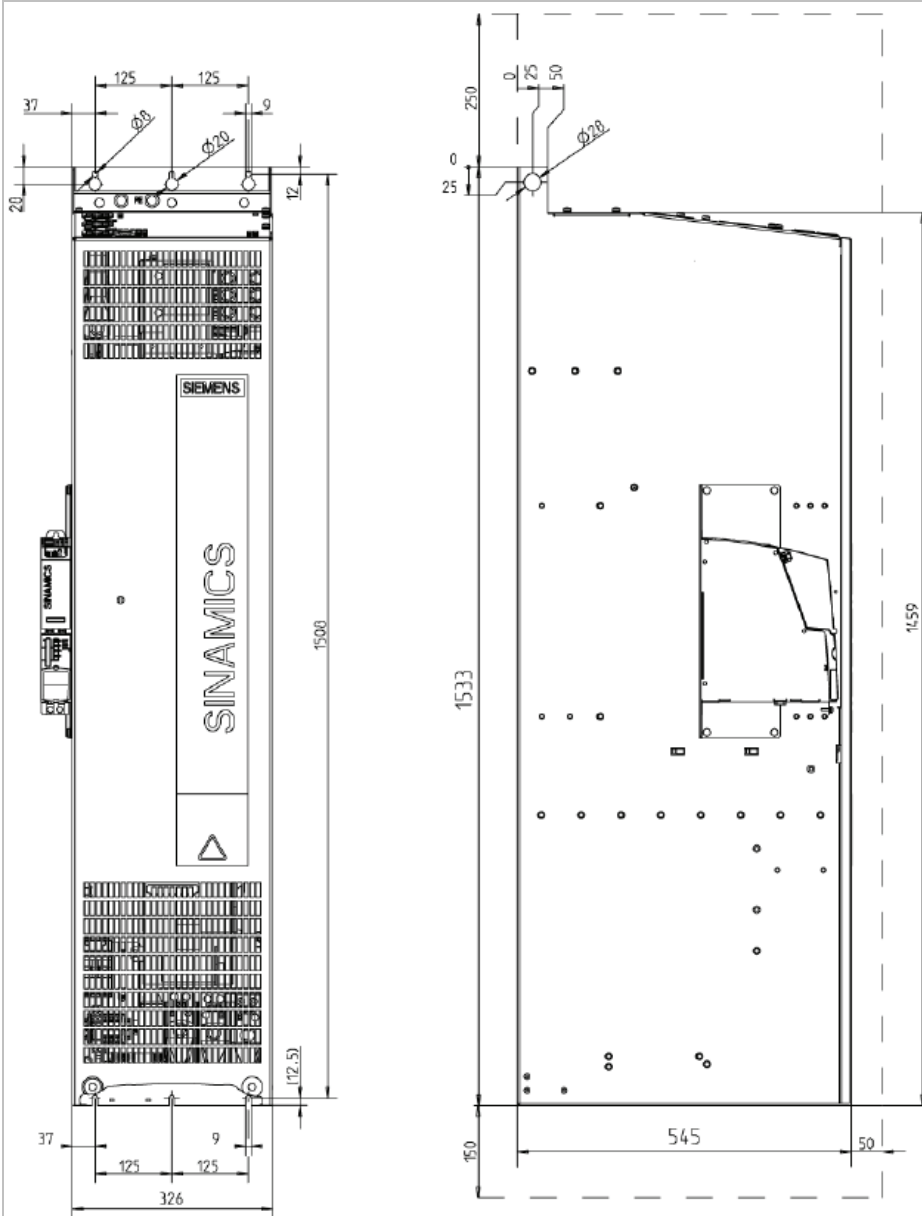
Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
6 x 240	6 x 500 MCM	(3)	6 x 240	6 x 500 MCM	(3)	PE1 4 x 240	4 x 500 MCM	(2)	
						PE2 6 x 240	6 x 500 MCM	(3)	

SINAMICS G130 Drive Converter Chassis Units

Line voltage 500 – 600 V

110 kW	175 A	6SL3310-1GF31-8AA3
132 kW	215 A	6SL3310-1GF32-2AA3
160 kW	260 A	6SL3310-1GF32-6AA3
200 kW	330 A	6SL3310-1GF33-3AA3

Frame size GX



Front view

Side view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
2 x 240	2 x 500 MCM	(1)	2 x 240	2 x 500 MCM	(1)	PE1	2 x 240	2 x 500 MCM	(2)
						PE2	2 x 240	2 x 500 MCM	(2)

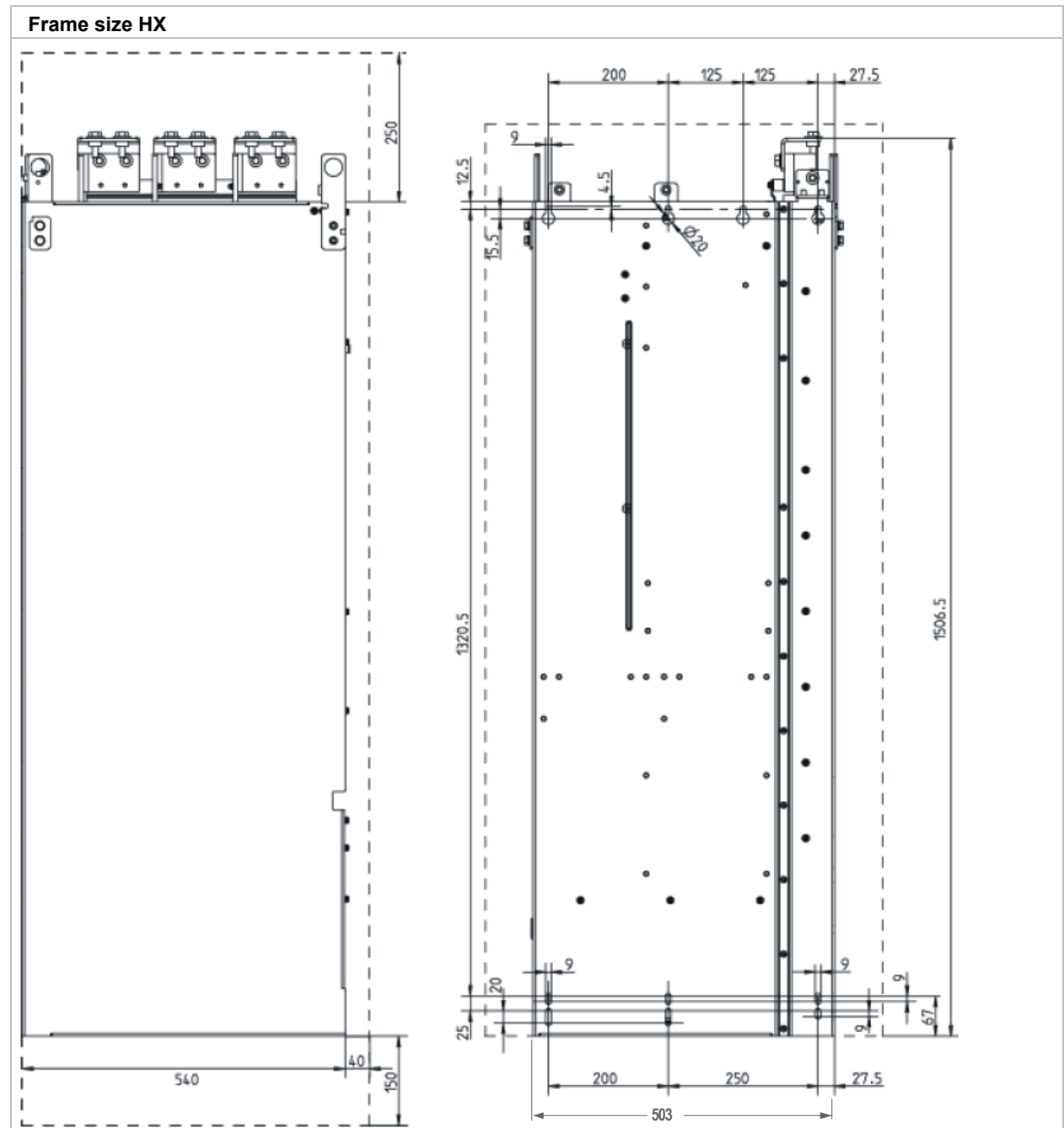
SINAMICS G130 Drive Converter Chassis Units

Line voltage 500 - 600 V

250 kW
315 kW
400 kW

410 A
465 A
575 A

6SL3310-1GF34-1AA3
6SL3310-1GF34-7AA3
6SL3310-1GF35-8AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
4 x 240	4 x 500 MCM	(2)	4 x 240	4 x 500 MCM	(2)	PE1	2 x 240	2 x 500 MCM	(1)
						PE2	4 x 240	4 x 500 MCM	(2)

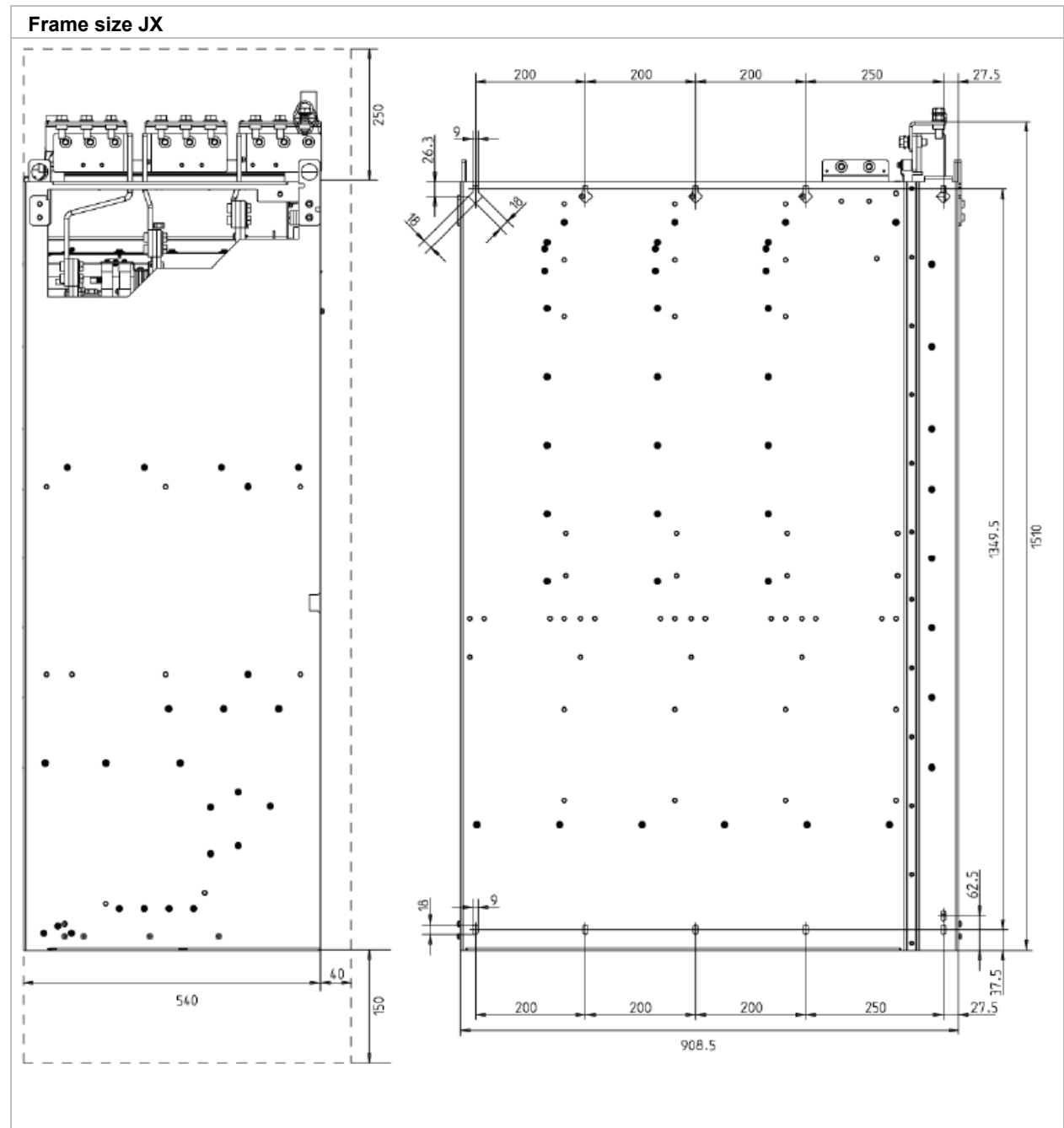
SINAMICS G130 Drive Converter Chassis Units

Line voltage 500 - 600 V

500 kW
560 kW

735 A
810 A

6SL3310-1GF37-4AA3
6SL3310-1GF38-1AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

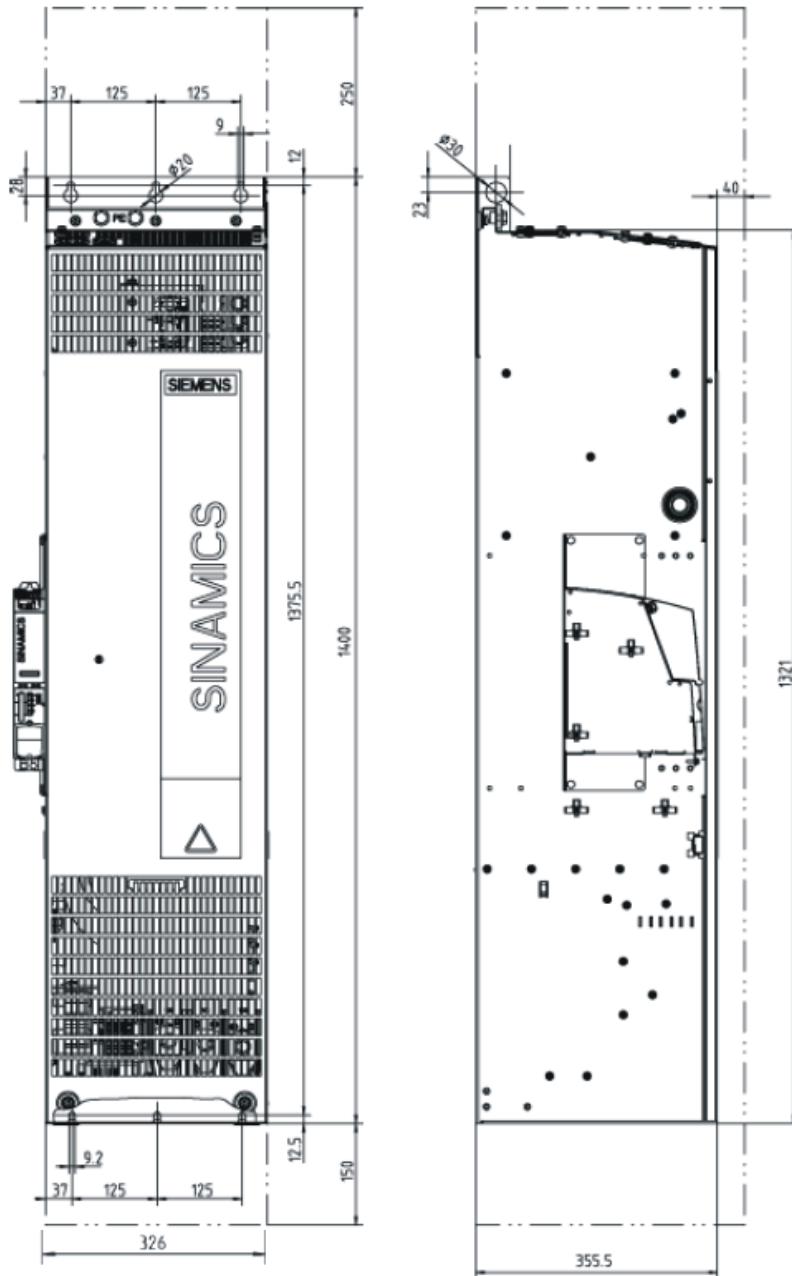
Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
6 x 240	6 x 500 MCM	(3)	6 x 240	6 x 500 MCM	(3)	PE1 4 x 240	4 x 500 MCM	(2)	
						PE2 6 x 240	6 x 500 MCM	(3)	

SINAMICS G130 Drive Converter Chassis Units

Line voltage 660 - 690 V

75 kW	85 A	6SL3310-1GH28-5AA3
90 kW	100 A	6SL3310-1GH31-0AA3
110 kW	120 A	6SL3310-1GH31-2AA3
132 kW	150 A	6SL3310-1GH31-5AA3

Frame size FX



Front view

Side view

Required clearance for ventilation

Line supply connection			Motor connection			Grounding			
Max. connection cross-section	M10 screw	(No. of holes)	Max. connection cross-section	M10 screw	(No. of holes)	Max. connection cross-section	M10 screw	(No. of holes)	(No. of holes)
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	(No. of holes)
2 x 185	2 x 350 MCM	(1)	2 x 185	2 x 350 MCM	(1)	PE1	2 x 185	2 x 350 MCM	(2)
						PE2	2 x 185	2 x 350 MCM	(2)

SINAMICS G130 Drive Converter Chassis Units

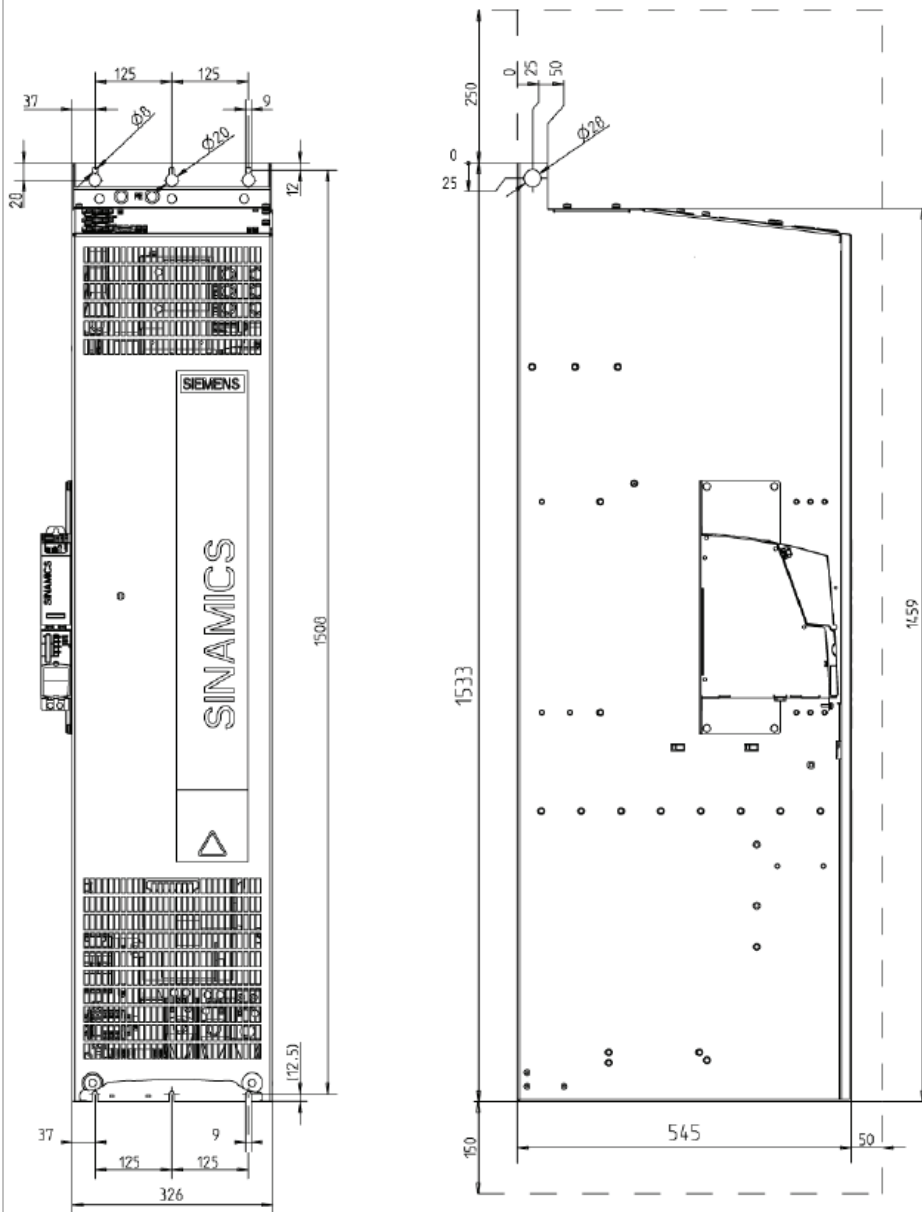
Line voltage 660 - 690 V

160 kW
200 kW
250 kW
315 kW

175 A
215 A
260 A
330 A

6SL3310-1GH31-8AA3
6SL3310-1GH32-2AA3
6SL3310-1GH32-6AA3
6SL3310-1GH33-3AA3

Frame size GX



Front view

Side view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	Max. connection cross-section		M10 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
2 x 240	2 x 500 MCM	(1)	2 x 240	2 x 500 MCM	(1)	PE1	2 x 240	2 x 500 MCM	(2)
						PE2	2 x 240	2 x 500 MCM	(2)

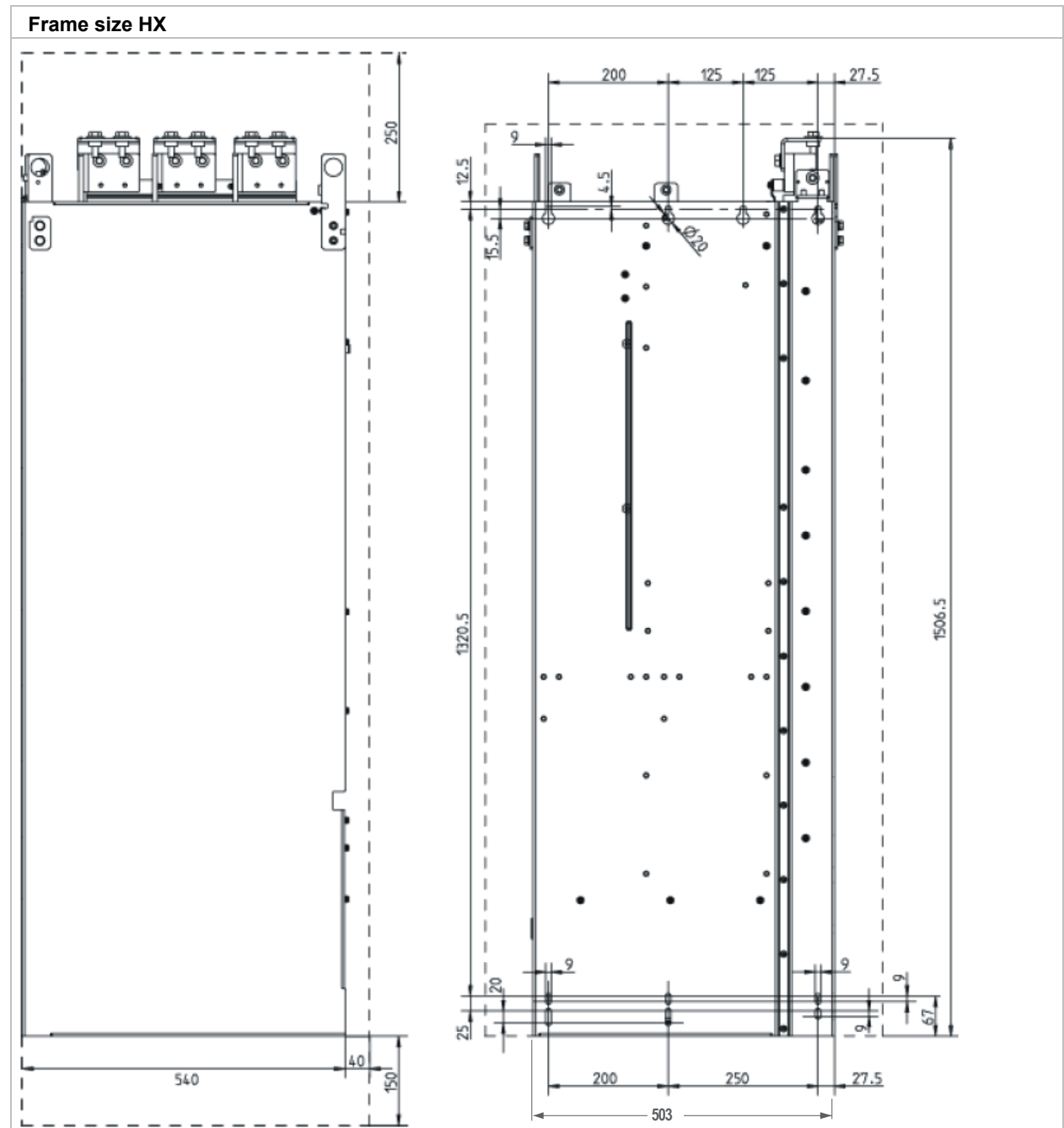
SINAMICS G130 Drive Converter Chassis Units

Line voltage 660 - 690 V

400 kW
450 kW
560 kW

410 A
465 A
575 A

6SL3310-1GH34-1AA3
6SL3310-1GH34-7AA3
6SL3310-1GH35-8AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection			Motor connection			Grounding			
Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	
4 x 240	4 x 500 MCM	(2)	4 x 240	4 x 500 MCM	(2)	PE1	2 x 240	2 x 500 MCM	(1)
						PE2	4 x 240	4 x 500 MCM	(2)

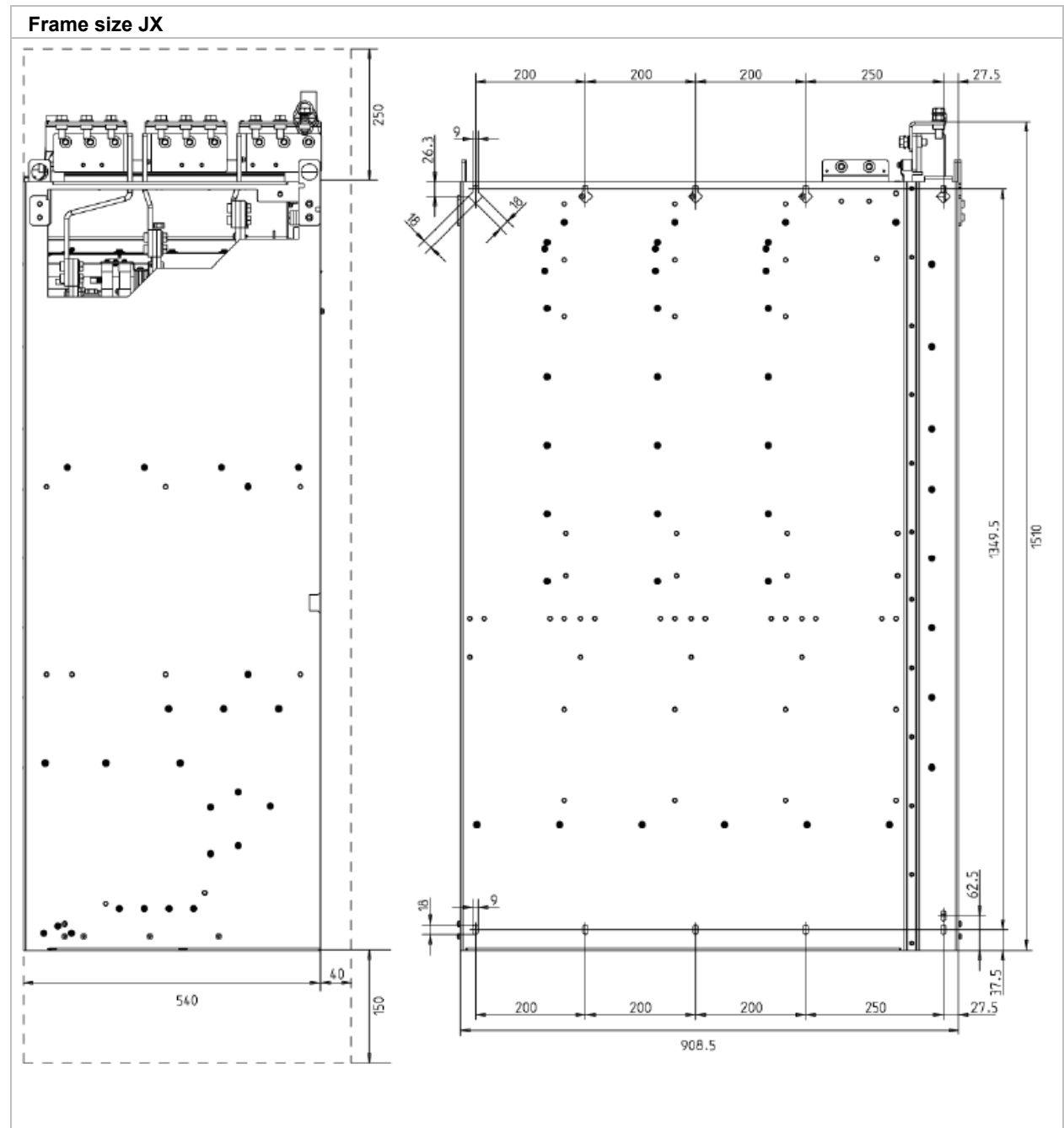
SINAMICS G130 Drive Converter Chassis Units

Line voltage 660 - 690 V

710 kW
800 kW

735 A
810 A

6SL3310-1GH37-4AA3
6SL3310-1GH38-1AA3



Side view

Rear view

Required clearance for ventilation

Line supply connection

Motor connection

Grounding

Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw	Max. connection cross-section		M12 screw
IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)	IEC mm ²	NEC, CEC AWG/MCM	(No. of holes)
6 x 240	6 x 500 MCM	(3)	6 x 240	6 x 500 MCM	(3)	PE1 4 x 240	4 x 500 MCM	(2)
						PE2 6 x 240	6 x 500 MCM	(3)