

Selection and ordering data (continued)

Line filters for Smart Line Modules

Suitable for Smart Line Module in chassis format, air-cooled	Rated power of the Smart Line Module at 400 V, 50 Hz (460 V, 60 Hz) or 690 V, 50 Hz (575 V, 60 Hz)	Rated input current of the Smart Line Module	Line filter
6SL3330-...	kW (hp)	A	Article No.
Line voltage 380 ... 480 V 3 AC			
6TE35-5AA3	250 (385)	463	6SL3000-0BE35-0AA0
6TE37-3AA3	355 (545)	614	6SL3760-0MB00-0AA0
6TE41-1AA3	500 (770)	883	6SL3760-0MC00-0AA0
6TE41-3AA3	630 (970)	1093	
6TE41-7AA3	800 (1230)	1430	
Line voltage 500 ... 690 V 3 AC			
6TG35-5AA3	450 (500)	463	6SL3760-0ME00-0AA0
6TG38-8AA3	710 (790)	757	6SL3760-0MN00-0AA0
6TG41-2AA3	1000 (1115)	1009	6SL3760-0MG00-0AA0
6TG41-7AA3	1400 (1465)	1430	

Line filters for Active Line Modules

Suitable for Active Line Module chassis format, air-cooled	Rated power of the Active Line Module at 400 V, 50 Hz (460 V, 60 Hz) or 690 V, 50 Hz (575 V, 60 Hz)	Rated input current of the Active Line Module	Line filter
6SL3330-...	kW (hp)	A	Article No.
Line voltage 380 ... 480 V 3 AC			
7TE32-1AA3	132 (200)	210	6SL3000-0BE33-1AA0
7TE32-6AA3	160 (250)	260	
7TE33-8AA3	235 (400)	380	6SL3000-0BE35-0AA0
7TE35-0AA3	300 (500)	490	
7TE36-1AA3	380 (600)	605	6SL3760-0MB00-0AA0
7TE37-5AA3	450 (600)	745	6SL3760-0MC00-0AA0
7TE38-4AA3	500 (700)	840	
7TE41-0AA3	630 (900)	985	
7TE41-2AA3	800 (1000)	1260	
7TE41-4AA3	900 (1250)	1405	
Line voltage 500 ... 690 V 3 AC			
7TG35-8AA3	630 (675)	575	6SL3760-0ME00-0AA0
7TG37-4AA3	800 (900)	735	6SL3760-0MN00-0AA0
7TG41-0AA3	1100 (1250)	1025	6SL3760-0MG00-0AA0
7TG41-3AA3	1400 (1500)	1270	

Note:

Line filters are not available for liquid-cooled drive units.

SINAMICS S120 drive system

Chassis format

Line-side power components for chassis format > Line filters

Technical specifications (continued)

Line voltage 380 ... 480 V 3 AC		Line filter			
		6SL3000-0BE33-1AA0	6SL3000-0BE35-0AA0	6SL3760-0MB00-0AA0	6SL3760-0MC00-0AA0
Rated current	A	400	600	840	1405
Power loss ¹⁾ At 50 Hz	kW	0.042	0.06	0.058	0.111
Load/line supply connection		M10 connecting lugs	M10 connecting lugs	M10 connecting lugs	M10 connecting lugs
PE connection		Hole for M8	Hole for M10	Hole for M10	Hole for M10
Degree of protection		IP00	IP00	IP00	IP00
Dimensions					
• Width	mm (in)	360 (14.2)	390 (15.3)	425 (16.7)	505 (19.9)
• Height	mm (in)	240 (9.45)	265 (10.4)	265 (10.4)	265 (10.4)
• Depth	mm (in)	116 (4.57)	140 (5.51)	145 (5.71)	145 (5.71)
Weight, approx.	kg (lb)	12.7 (28)	19.9 (44)	25.9 (57)	28.9 (64)
Suitable for Smart Line Module in chassis format					
• Air-cooled	6SL3330-...	–	6TE35-5AA3	6TE37-3AA3	6TE41-1AA3 6TE41-3AA3 6TE41-7AA3
Suitable for Active Line Module in chassis format					
• Air-cooled	6SL3330-...	7TE32-1AA3 7TE32-6AA3	7TE33-8AA3 7TE35-0AA3	7TE36-1AA3 7TE37-5AA3	7TE38-4AA3 7TE41-0AA3 7TE41-2AA3 7TE41-4AA3

Line voltage 500 ... 690 V 3 AC		Line filter		
		6SL3760-0ME00-0AA0	6SL3760-0MN00-0AA0	6SL3760-0MG00-0AA0
Rated current	A	600	1025	1270
Power loss ¹⁾ At 50 Hz	kW	0.063	0.063	0.097
Load/line supply connection		M10 connecting lugs	M12 connecting lugs	M12 connecting lugs
PE connection		Hole for M10	Hole for M10	Hole for M10
Degree of protection		IP00	IP00	IP00
Dimensions				
• Width	mm (in)	400 (15.7)	425 (16.7)	505 (19.9)
• Height	mm (in)	365 (14.4)	365 (14.4)	365 (14.4)
• Depth	mm (in)	140 (5.51)	145 (5.71)	145 (5.71)
Weight, approx.	kg (lb)	27 (60)	36.7 (81)	36.7 (81)
Suitable for Smart Line Module in chassis format				
• Air-cooled	6SL3330-...	6TG35-5AA3	6TG38-8AA3 6TG41-2AA3	6TG41-7AA3
Suitable for Active Line Module in chassis format				
• Air-cooled	6SL3330-...	7TG35-8AA3	7TG37-4AA3 7TG41-0AA3	7TG41-3AA3

¹⁾ The specified power loss represents the maximum value at 100 % utilization. The value is lower under normal operating conditions.