Overview

In conjunction with line reactors and a logically consistent configuration of the plant or system, line filters limit the interference conducted by the Basic Line Modules and Power Modules to the limit values of Category C2 acc. to EN 61800-3.

The line filters are suitable for TN and TT supply systems grounded at the neutral point.

Selection and ordering data

Line filters for Power Modules

Suitable for Power Module in the chassis format, air-cooled	Type rating of the Power Module at 400 V, 50 Hz (460 V, 60 Hz)	Rated input current of the Power Module	**Line filter**
6SL3310-...	kW (hp)	A	Article No.
Line voltage 380 ... 480 V 3 AC			
1TE32-1AA3	110 (150)	229	**6SL3000-0BE32-5AA0**
1TE32-6AA3	132 (200)	284	**6SL3000-0BE34-4AA0**
1TE33-1AA3	160 (250)	338	
1TE33-8AA3	200 (300)	395	
1TE35-0AA3	250 (400)	509	**6SL3000-0BE36-0AA0**

Line filters for Basic Line Modules

Suitable for Basic Line Module chassis format, air-cooled	Rated power of the Basic 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 Basic Line Module	**Line filter**
6SL3330-...	kW (hp)	A	Article No.
Line voltage 380 ... 480 V 3 AC			
1TE34-2AA3	200 (305)	365	**6SL3000-0BE34-4AA0**
1TE35-3AA3	250 (385)	460	**6SL3000-0BE36-0AA0**
1TE38-2AA3	400 (615)	710	**6SL3000-0BE41-2AA0**
1TE41-2AA3	560 (860)	1010	
1TE41-5AA3	710 (1090)	1265	**6SL3000-0BE41-6AA0**
1TE41-8AA3	900 (1390)	1581	
Line voltage 500 ... 690 V 3 AC			
1TG33-0AA3	250 (250)	260	**6SL3000-0BG34-4AA0**
1TG34-3AA3	355 (350)	375	
1TG36-8AA3	560 (600)	575	**6SL3000-0BG36-0AA0**
1TG41-1AA3	900 (900)	925	**6SL3000-0BG41-2AA0**
1TG41-4AA3	1100 (1250)	1180	
7TG41-8AA3	1500 (1500)	1580	**6SL3000-0BG41-6AA0**

Technical specifications

Line voltage 380 ... 480 V 3 AC		Line filter				
		6SL3000-0BE32-5AA0	6SL3000-0BE34-4AA0	6SL3000-0BE36-0AA0	6SL3000-0BE41-2AA0	6SL3000-0BE41-6AA0
Rated current	A	250	440	600	1200	1600
Power loss [1] At 50 Hz	kW	0.015	0.047	0.053	0.119	0.153
Load/line supply connection		1 × hole for M10 Provided for busbar connection	1 × hole for M10 Provided for busbar connection	1 × hole for M10 Provided for busbar connection	1 × hole for M12 Provided for busbar connection	1 × hole for M12 Provided for busbar connection
PE connection		Hole for M8	Hole for M8	Hole for M10	Hole for M10	Hole for M10
Degree of protection		IP00	IP00	IP00	IP00	IP00
Dimensions						
• Width	mm (in)	360 (14.2)	360 (14.2)	400 (15.7)	425 (16.7)	505 (19.9)
• Height	mm (in)	240 (9.45)	240 (9.45)	265 (10.4)	265 (10.4)	265 (10.4)
• Depth	mm (in)	116 (4.57)	116 (4.57)	140 (5.51)	145 (5.71)	145 (5.71)
Weight, approx.	kg (lb)	12.3 (27)	12.3 (27)	19 (42)	25.2 (56)	28.8 (63)
Suitable for Power Module in chassis format						
• Air-cooled	6SL3310-...	1TE32-1AA3	1TE32-6AA3 1TE33-1AA3 1TE33-8AA3	1TE35-0AA3	–	–
Suitable for Basic Line Module in chassis format						
• Air-cooled	6SL3330-...	–	1TE34-2AA3	1TE35-3AA3	1TE38-2AA3 1TE41-2AA3	1TE41-5AA3 1TE41-8AA3

Line voltage 500 ... 690 V 3 AC		Line filter			
		6SL3000-0BG34-4AA0	6SL3000-0BG36-0AA0	6SL3000-0BG41-2AA0	6SL3000-0BG41-6AA0
Rated current	A	440	600	1200	1600
Power loss [1] At 50 Hz	kW	0.047	0.053	0.119	0.153
Load/line supply connection		1 × hole for M10 Provided for busbar connection	1 × hole for M10 Provided for busbar connection	2 × hole for M12 Provided for busbar connection	2 × hole for M12 Provided for busbar connection
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)	400 (15.7)	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)	12.3 (27)	19 (42)	25.2 (56)	28.8 (63)
Suitable for Basic Line Module in chassis format					
• Air-cooled	6SL3330-...	1TG33-0AA3 1TG34-3AA3	1TG36-8AA3	1TG41-1AA3 1TG41-4AA3	1TG41-8AA3

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