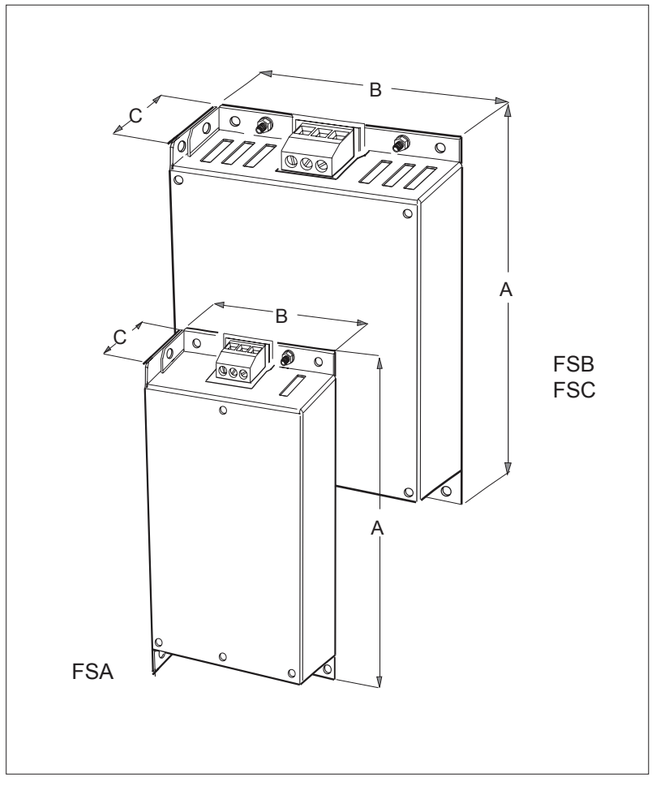
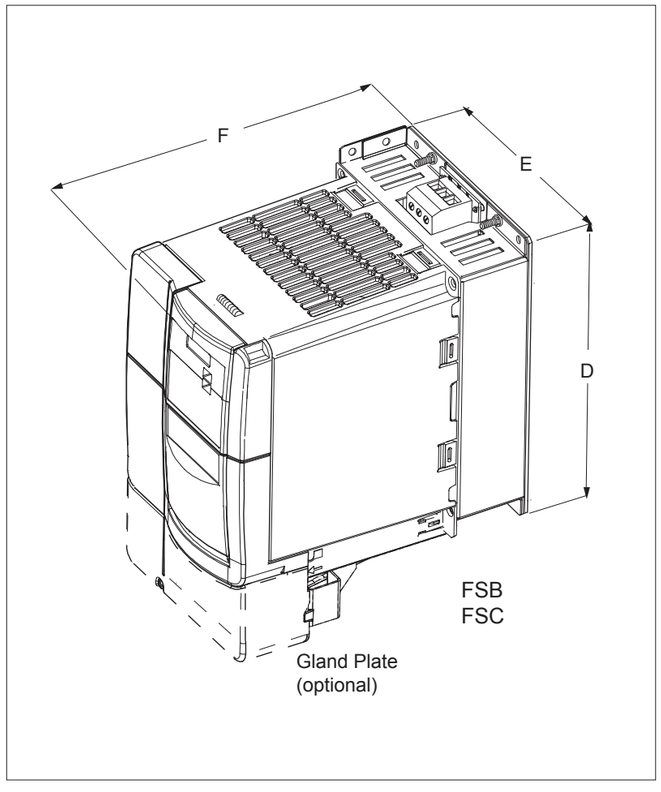
SIEMENS

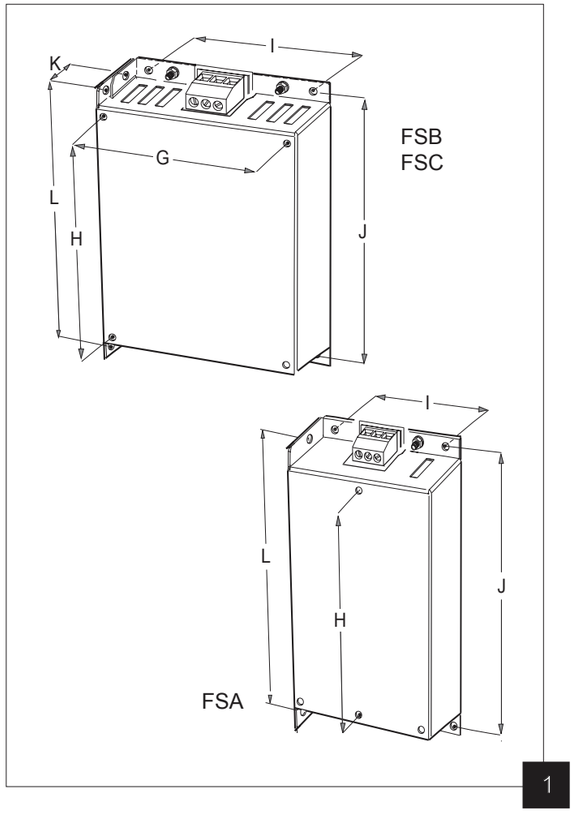
EMC Filter - Installation Instructions

MICROMASTER 4

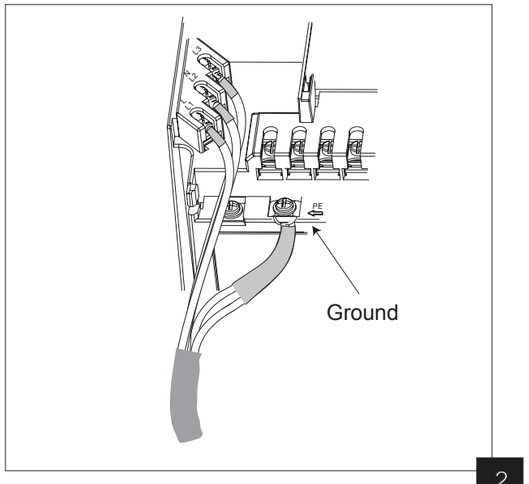
Frame Size A to C







1



2

May also be used with CT and VT rated inverters when specified in the MICROMASTER Catalog DA51.2.

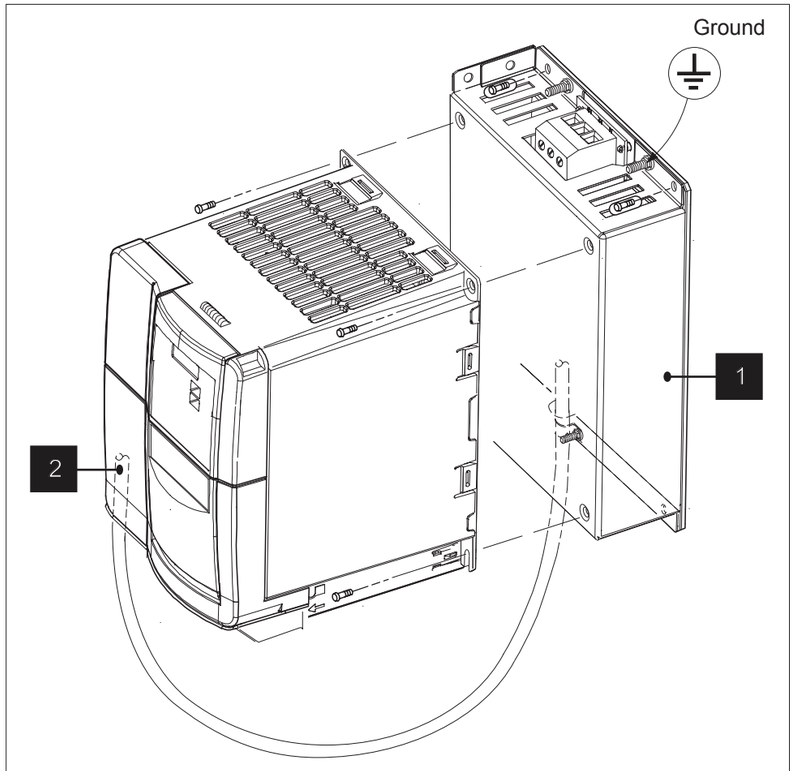
CT √	VT √
Catalog DA51.2	

May also be used with inverters when specified in the SINAMICS Catalog D11.1.

HO √	LO √
Catalog D11.1	

Filter Identification		Electrical Characteristics			Weight	Overall Dimensions (mm)						Fixing Dimensions (mm)								Terminals		Cable Cross Section			
MFLB	Frame Size (FS)	Voltage [V]	Current [A]	Phase	Filter	Filter			Filter + Inverter			Inverter			Filter					Tightening Torque		min		max	
															Footprint		Side Mount								
					kg	A	B	C	D	E	F	G	H	Fixing Size	I	J	K	L	Fixing Size	Nm	lbf.in	mm^2	AWG	mm^2	AWG
6SE6400-2FA00-6AD0	A	200 - 480	6	3	0.5	200	73	43.5	200	73	192.5	–	160	M4 (2)	56	187	–	187	Foot-print: M5 (4) Side Mount: M5 (2)	1.1	5 - 7	1	17	2.5	14
6SE6400-2FB00-6AD0	A	200 - 480	6	3	0.5																				
6SE6400-2FL01-0AB0	A	200 - 240	10	1	0.5																				
6SE6400-2FS01-0AB0	A	200 - 240	10	1	0.5																				
6SE6400-2FA01-4BC0	B	200 - 240	14	3	1	213	149	50.5	213	149	222.5	138	174	M4 (4)	120	200	24	200	M5 (4)	1.5	13.3	1.5	16	6	10
6SE6400-2FB01-4BC0	B	200 - 240	14	3	1																				
6SE6400-2FL02-6BB0 *)	B	200 - 240	26	1	1																				
6SE6400-2FS02-6BB0	B	200 - 240	26	1	1																				
6SE6400-2FS01-6BD0	B	380 - 480	16	3	1																				
6SE6400-2FB01-4BC0	B	200 - 480	14	3	1																				
6SE6400-2FS03-5CB0	C	200 - 240	35	1	1.5	245	185	55	245	185	250	174	204	M4 (4)	156	232	38	232	M5 (4)	2.25	20	2.5	14	10	8
6SE6400-2FS03-8CD0	C	200 - 480	38	3	1.5																				

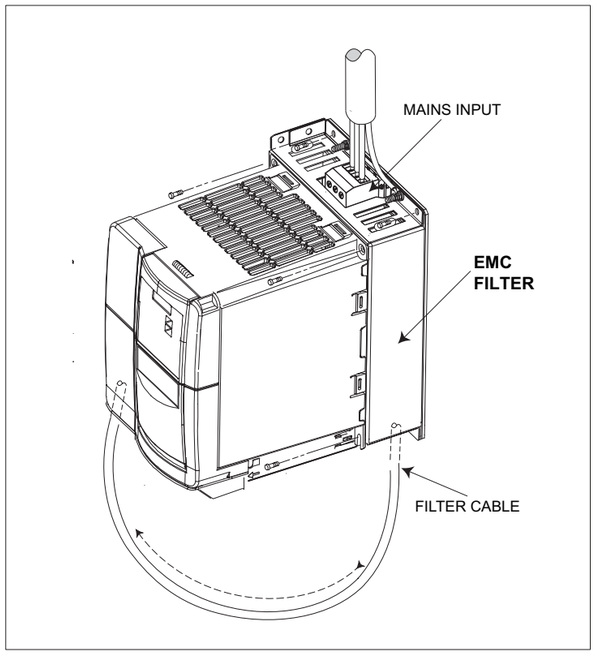
*) MICROMASTER 4 : The DC+ and DC- marked wires have to be connected to the appropriate terminals of the inverter.
SINAMICS G110 : The DC+ and DC- marked wires are volt-free connections and can be taped up, or cut off.

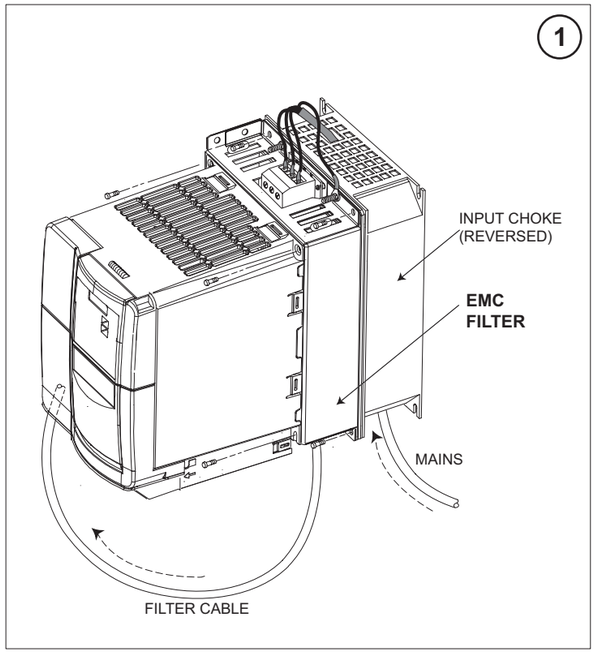


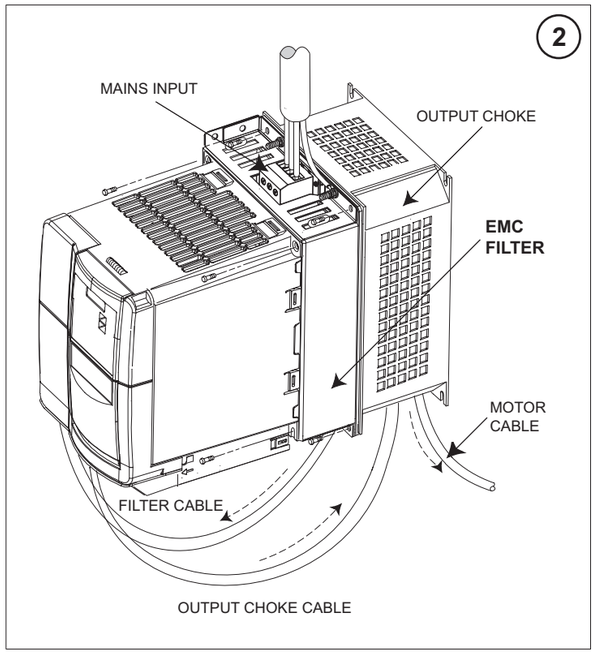
A 5 E 0 1 1 6 7 8 5 6 A

Issue A7

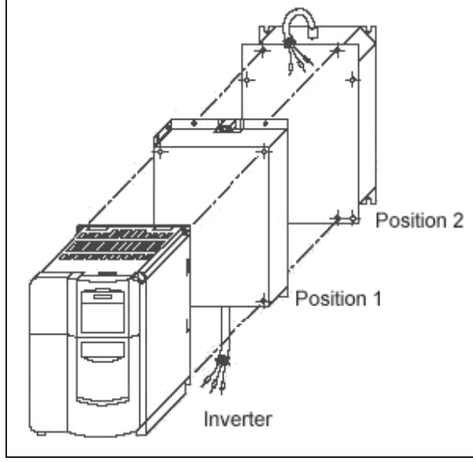
OPTIONS COMBINATIONS EXAMPLES







Recommended Combinations



Inverter Frame Size	Footprint		Mounted on side		Example
	Position 1	Position 2	Line-side components (left)	Output-side components (right)	
A, B	EMC	Line	–	Output and/or Brake	①
	EMC or Line	Output or LC	–	Brake	②
	EMC or Line	Brake	–	–	–
C	EMC	Line	–	Output and/or Brake	①
	EMC or Line	Output	–	Brake	②
	LC	–	EMC and/or Line	Brake	–

EMC = EMC filter
Line = Line commutating (Input) choke
LC = LC filter
Output = Output choke
Brake = Braking resistor