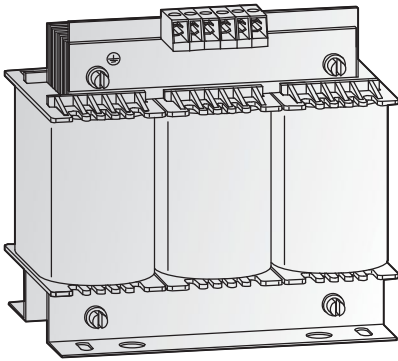


## Sinusoidal Filter for FR-D700 SC/E700SC/F700/A700



### Sinusoidal Filter

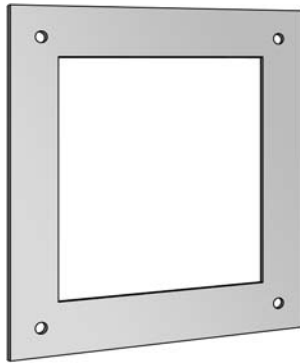
The sinusoidal output filter ensures a sinusoidal output voltage with low voltage ripple. This makes it possible to use motors with lower insulation resistance and it also increases the maximum possible motor

power cable length. It also reduces leakage current, motor heat and noise generation.

Sinusoidal Filter	Frequency inverter	Power loss [W]	Rated current [A]	Weight [kg]	Dimensions (WxHxD) [mm]	Art. no.
FFR-SI-4.5A-SS1	FR-D720S-008-025SC FR-D740-012/022SC FR-E720S-008-030SC FR-E740-016-040SC FR-F740-00023-00038 FR-A740-00023-00052 ①	66	4.5	3	125x180x75	209735
FFR-SI-8.3A-SS1	FR-D720S-042SC FR-D740-036/050SC FR-E720S-050SC FR-E740-060SC FR-F740-00023-00038 FR-A740-00023-00052 ① FR-A741-5.5K/7.5K	73	8.3	6.6	155x205x95	209736
FFR-SI-18A-SS1	FR-D720S-070-100SC FR-D740-080/120SC FR-E720S-080-110SC FR-E740-120SC FR-A/F740-00126-00170 ① FR-A741-11K-18.5K	144	18	11.5	190x210x130	209737
FFR-SI-25A-SS1	FR-D740-012SC-080SC FR-E740-016SC-060SC FR-F740-00023-00038 FR-A740-00023-00052 ① FR-A741-22K-37K	191	25	14	210x270x125	209738
FFR-SI-32A-SS1	FR-D740-160SC FR-E740-170SC FR-A/F740-00250 ① FR-A741-45K/55K	273	32	16	210x270x135	209739
FFR-SI-48A-SS1	FR-E740-230SC FR-A/F740-00310 ①	340	48	28	240x300x210	209740
FFR-SI-62A-SS1	FR-A/F740-00620 ①	290	62	35	240x300x220	209741
FFR-SI-77A-SS1	FR-A/F740-00770 ①	340	77	42	300x345x210	209742
FFR-SI-93A-SS1	FR-A/F740-00930 ①	360	93	46	300x345x215	209743
FFR-SI-116A-SS1	FR-A/F740-01160 ①	400	116	58	300x360x237	209744
FFR-SI-180A-SS1	FR-AF740-01800/02160 ① FR-F740-01800	700	180	85	420x510x235	209745
FFR-SI-260A-SS1	FR-A740-02600/03250 ① FR-F740-02160/02600	900	260	123	420x550x295	209746
FFR-SI-432A-SS1	FR-A740-03610-04810 ① FR-F740-03250/03610	1400	432	190	510x650x320	209747
FFR-SI-481A-SS1	FR-A740-05470 ① FR-F740-04320/04810	1400	481	233	510x750x340	209748
FFR-SI-683A-SS1	FR-A740-06100/06830 ① FR-F740-05470-06830	2300	683	307	600x880x390	209749
FFR-SI-770A-SS1	FR-A/F740-07700 ①	3100	770	467	600x990x430	209750
FFR-SI-880A-SS1	FR-A740-08660/09620 ① FR-F740-08660	3600	880	638	600x1000x500	209751
FFR-SI-1212A-SS1	FR-A740-10940/12120 ① FR-F740-09620-12120	3800	1212	678	870x1050x420	209752

① For FR-A700: Suitable for 200 % overload (ND). If the overload is lower (higher rated current) please use a filter one size higher.

## External Heatsink Frame for FR-F700/A700

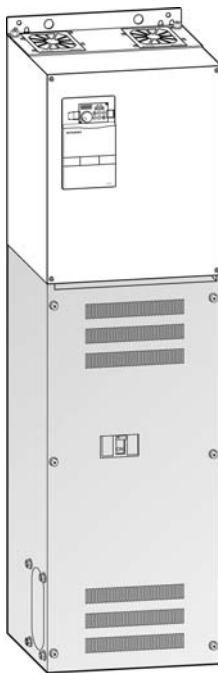


### External Heatsink Frame

Frame for installing the inverter heatsink outside the switchgear cabinet (IP20).

Frame	Frequency inverter	Art. no.
FR-A7CN01	FR-A/F740-00023-00126	189841
FR-A7CN02	FR-A/F740-00170/00250	189842
FR-A7CN03	FR-A/F740-00310/00380	189843
FR-A7CN04	FR-A/F740-00470/00620	189844
FR-A7CN06	FR-A/F740-00770	189846
FR-A7CN07	FR-A/F740-00930/01160/01800	189847
FR-A7CN08	FR-A/F740-02160	189848
FR-A7CN09	FR-A/F740-02600	189849
FR-A7CN10	FR-A/F740-03250/03610	189850

## Floor Standing Unit FSU for FR-F700



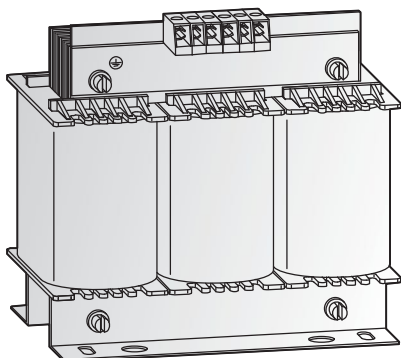
### Floor standing unit

The floor standing unit FR-FSU enables fast and trouble-free installation of a frequency inverter and saves costs and space. The FR-FSU offers the opportunity to integrate a DC reactor or the optional EMC filter FN3359. The floor standing unit also allows the connection of power cables with large diameters.

The unit is available in two different versions: type FR-FSU-□□□□ with normal terminal blocks and type FR-FSU-□□□□-RE... with integrated circuit breaker.

Floor standing unit	Frequency inverter	Circuit breaker	Dimensions (WxHxD) [mm]	Overall dimensions (WxHxD) [mm]	Art. no.
FR-FSU-01800	FR-F740-00930-01800	—	435x1100x240	435x1613x250	163994
FR-FSU-02600	FR-F740-02160-02600		465x1030x290	465x1613x300	163995
FR-FSU-03610	FR-F740-03250-03610		465x910x350	465x1613x360	163996
FR-FSU-04810	FR-F740-04320-04810		498x890x370	498x1870x380	163997
FR-FSU-06830	FR-F740-05470-06830		680x890x370	680x1870x380	163998
FR-FSU-08660	FR-F740-07700-08660		790x1107x430	790x2400x440	164783
FR-FSU-12120	FR-F740-096200-12120		995x757x430	995x2300x440	165759
FR-FSU-01800-RE250	FR-F740-01160-01800	NF250-SGW (125-250 A)	435x1100x240	435x1613x250	164791
FR-FSU-02600-RE250	FR-F740-02160	NF250-SGW (125-250 A)	465x1030x290	465x1613x300	164792
FR-FSU-02600-RE250	FR-F740-02600	NF400-SEP (200-400 A)	465x1030x290	465x1613x300	164792
FR-FSU-03610-RE400	FR-F740-03250-03610	NF400-SEP (200-400 A)	465x910x350	465x1613x360	164794
FR-FSU-04810-RE630	FR-F740-04320-04810	NF630-SEP (300-630 A)	498x890x370	498x1870x380	164795
FR-FSU-06830-RE630	FR-F740-05470	NF630-SEP (300-630 A)	680x890x370	680x1870x380	164796
FR-FSU-06830-RE800	FR-F740-06100-06830	NF800-SEP (400-800 A)	680x890x370	680x1870x380	164798
FR-FSU-08660-RE1000	FR-F740-07700-08660	NF1000-SS (500-1000 A)	790x1107x430	790x2400x440	164799

## AC Chokes for FR-D700 SC/E700 SC/F700/A700



### Mains supply chokes

The mains supply chokes compensate voltage fluctuations and simultaneously increase the efficiency.

Applying the appropriate power choke an overall efficiency of up to 90 % can be achieved.

The use of a power choke is especially recommended for main circuits where high capacities are switched, for example via thyristors.

Choke	Frequency inverter	L [mH]	Current [A]	Power loss [W]	Weight [kg]	Art. no.	
Single-phase	FR-BAL-S-B-0.2K	FR-D720S-014SC	10	3	14	0.7	134968
	FR-BAL-S-B-0.4K	FR-D720S-025SC FR-E720S-030SC	10	5.5	16	1.2	134969
	FR-BAL-S-B-0.75K	FR-D720S-042SC FR-E720S-050SC	10	8	34	4.5	134970
Three-phase	FR-BAL-B-4.0K	FR-D740-012-080SC FR-E740-016-095SC FR-F740-00023-00083 FR-A740-00023-00126	2.340	12	31	3.0	87244
	FR-BAL-B-5.5K	FR-D/E740-120SC FR-F740-00126 FR-A740-00170	1.750	16	44	3.7	87245
	FR-BAL-B-7.5K	FR-D740-170SC/FR-E740-160SC FR-F740-00170 FR-A740-00250	1.220	23	59	5.5	87246
	FR-BAL-B-11K/-15K	FR-E740-230/300SC FR-F740-00250/00310 FR-A740-00310/00380	0.667	42	68	10.7	71053
	FR-BAL-B-22K	FR-F740-00380/00470 FR-A740-00470/00620	0.483	58	77	11.2	87247
	FR-BAL-B-30K	FR-F740-00620/FR-A740-00770	0.369	76	86	11.6	87248
	FR-BAL-B-37K	FR-F740-00770/FR-A740-00930	0.295	95	113	18.6	87249
	FR-BAL-B-45K	FR-F740-00930/FR-A740-01160	0.244	115	118	21.4	71044
FR-BAL-B-55K	FR-F740-01160/FR-A740-01800	0.191	147	120	22.6	87250	