

FAR-H-AP57

Regulated absorption filter
5th and 7th Harmonic absorption



Description

FAR-H filters have been designed to reduce the level of harmonics in networks with a high current distortion rate. Therefore, the **FAR-H** absorption filters used to regulate the level of harmonics are classified in steps, depending on the existing load.

FAR-H-AP57 have been designed to absorb 5th and 7th order harmonic currents.

Features

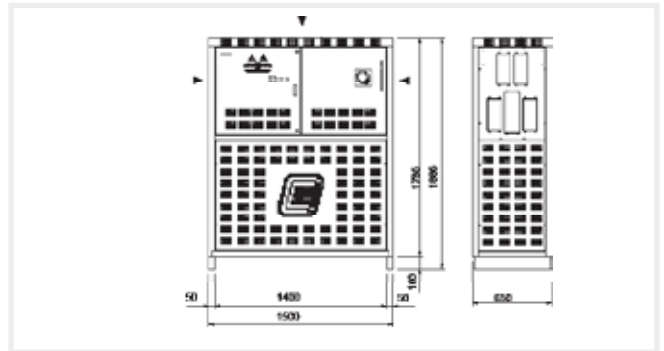
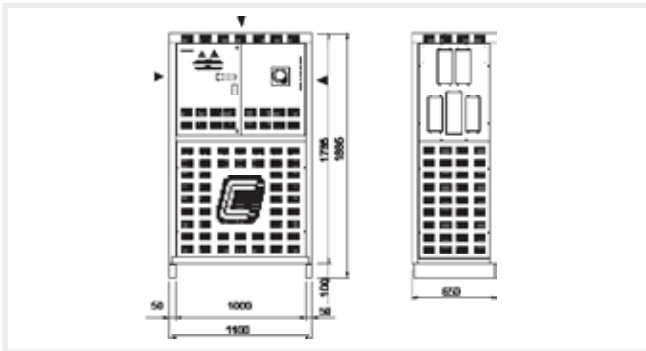
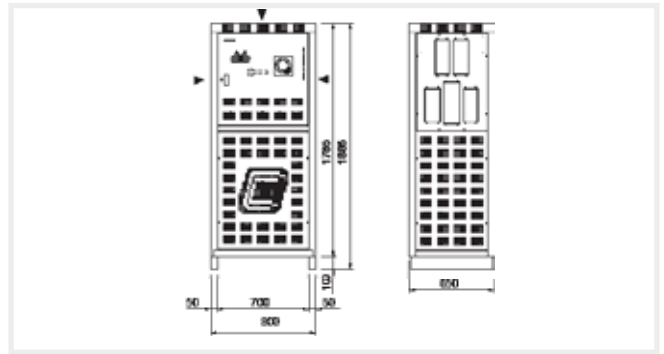
Features	
Power supply voltage (phase-phase)	400 V a.c. at 50 Hz 480 V a.c. at 60 Hz
Auxiliary voltage	230 V a.c.
Build features	
Cabinet material	Treated and painted steel Rack RAL 1013 Doors RAL 3005
Degree of protection	IP 20
Locking system	Lock and key
Ventilation	Natural
Fixing	On the floor
Environmental conditions	
Operating temperature	-10 ... +35 °C
Indoor	Indoor
Components	
Capacitors	CFB
Regulator	ROYAL Relay
Standards	IEC 61642, IEC 60831, IEC 60439, IEC 60289

FAR-H-AP57

Regulated absorption filter
5th and 7th Harmonic absorption



Dimensions



References

FAR-H -AP57 400 V / 50 Hz

5° (A)	7° (A)	Composition	kvar	I (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
33	33	33(5°) + 33(7°)	34	68	340	800 x 1900 x 650	FAR5-HP-AP57-66-400	R7E011
66	33	33(5°) + (33(5°) + 33(7°))	51	90	350	800 x 1900 x 650	FAR5-HP-AP57-99-400	R7E021
66	66	2 x (33(5°) + 33(7°))	68	115	365	800 x 1900 x 650	FAR5-HP-AP57-132-400	R7E022
99	66	33(5°) + 2 x (33(5°) + 33(7°))	85	146	390	800 x 1900 x 650	FAR5-HP-AP57-165-400	R7E032
99	99	3 x (33(5°) + 33(7°))	102	173	560	1100 x 1900 x 650	FAR5-H6-AP57-198-400	R7E033
132	99	33(5°) + 3 x (33(5°) + 33(7°))	119	203	670	1500 x 1900 x 650	FAR5-H8-AP57-231-400	R7E043
132	132	4 x (33(5°) + 33(7°))	136	231	710	1500 x 1900 x 650	FAR5-H8-AP57-264-400	R7E044
160	160	2 x (80(5°) + 80(7°))	164	279	486	1100 x 1900 x 650	FAR5-H6-AP57-320-400	R7E0BB
240	160	80(5°) + 2 x (80(5°) + 80(7°))	205	354	550	1100 x 1900 x 650	FAR5-H6-AP57-400-400	R7E0CB
240	240	3 x (80(5°) + 80(7°))	246	419	614	1100 x 1900 x 650	FAR5-H6-AP57-480-400	R7E0CC
320	240	80(5°) + 3 x (80(5°) + 80(7°))	287	492	714	1500 x 1900 x 650	FAR5-H8-AP57-560-400	R7E0DC
320	320	4 x (80(5°) + 80(7°))	328	559	870	1500 x 1900 x 650	FAR5-H8-AP57-640-400	R7E0DD

FAR-H -AP57 480 V / 60 Hz

5° (A)	7° (A)	Composition	kvar	I (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
35	35	35(5°) + 35(7°)	30	66	340	800 x 1900 x 650	FAR6-HP-AP57-70-480	R7F711
70	35	35(5°) + (35(5°) + 35(7°))	45	102	350	800 x 1900 x 650	FAR6-HP-AP57-105-480	R7F721
70	70	2 x (35(5°) + 35(7°))	60	132	365	800 x 1900 x 650	FAR6-HP-AP57-140-480	R7F722
105	70	35(5°) + 2 x (35(5°) + 35(7°))	75	166	390	800 x 1900 x 650	FAR6-HP-AP57-175-480	R7F732
105	105	3 x (35(5°) + 35(7°))	90	197	560	1100 x 1900 x 650	FAR6-H6-AP57-210-480	R7F733
140	105	35(5°) + 3 x (35(5°) + 35(7°))	105	232	670	1500 x 1900 x 650	FAR6-H8-AP57-245-480	R7F743
159	106	53(5°) + 2 x (53(5°) + 53(7°))	110	248	550	1100 x 1900 x 650	FAR6-H6-AP57-265-480	R7F7CB
140	140	4 x (35(5°) + 35(7°))	120	263	710	1500 x 1900 x 650	FAR6-H8-AP57-280-480	R7F744
159	159	3 x (53(5°) + 53(7°))	132	295	614	1100 x 1900 x 650	FAR6-H6-AP57-318-480	R7F7CC
212	159	53(5°) + 3 x (53(5°) + 53(7°))	154	346	750	1100 x 1900 x 650	FAR6-H6-AP57-371-480	R7F7DC
212	212	4 x (53(5°) + 53(7°))	176	393	870	1500 x 1900 x 650	FAR6-H8-AP57-424-480	R7F7DD