

# FAR-Q

Hybrid absorption filter



## Description

**FAR-Q** filters have been designed for Power factor correction purposes in networks with an average harmonic distortion, i.e., in networks where the objective is to improve the power factor and filter harmonics at the same time. Contactor switching.

## Features

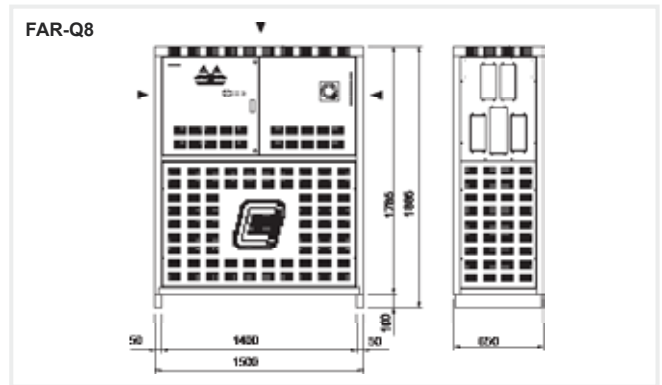
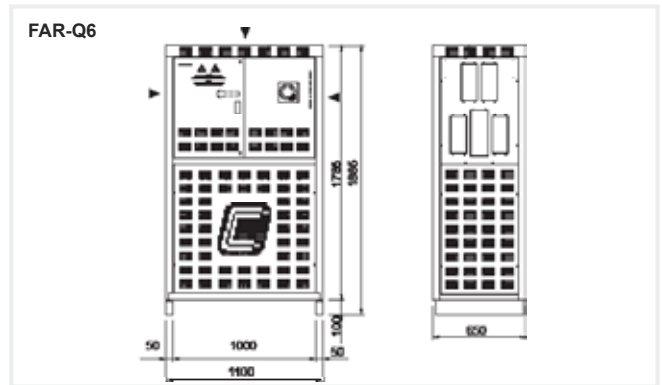
Features	
Power supply voltage (phase-phase)	400 V a.c. at 50 Hz 480 V a.c. at 60 Hz Other voltages, on demand
Insulation level	3 / 15 kV
Auxiliary voltage	230 V a.c.
Build features	
Cabinet material	Treated and painted steel Rack RAL 7035 Doors RAL 3005
Degree of protection	IP 20
Locking system	Lock and key
Ventilation	Natural
Fixing	On the floor
Environmental conditions	
Operating temperature	-10 ... +35 °C
Indoor	Indoor
Components	
Capacitors	<b>CFB</b> for FR / <b>CFB-6B</b> for FRE
Regulator	<b>MAX</b> for FR <b>computer 8df/14df</b> for FRE
Standards	
IEC 61642, IEC 60831, IEC 60439, IEC 60289	

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## Dimensions



FAR-Q12 = 2 x FAR-Q6

## References

### FAR5-Q6 400 V / 50 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
112,5	3 x 37.5	176	60	30	436	1100 x 1900 x 650	FAR5-Q6-112.5-400	R7C101
150	4 x 37.5	234	80	40	460	1100 x 1900 x 650	FAR5-Q6-150-400	R7C102
187,5	5 x 37.5	293	100	50	460	1100 x 1900 x 650	FAR5-Q6-187.5-400	R7C103
225	6 x 37.5	351	120	60	480	1100 x 1900 x 650	FAR5-Q8-225-400	R7C104
262,5	37.5 + (3 x 75)	410	140	70	460	1100 x 1900 x 650	FAR5-Q6-262.5-400	R7C105
300	4 x 75	469	160	80	486	1100 x 1900 x 650	FAR5-Q6-300-400	R7C106
337,5	37.5 + (4 x 75)	527	180	90	523	1100 x 1900 x 650	FAR5-Q6-337.5-400	R7C107
375	5 x 75	586	200	100	550	1100 x 1900 x 650	FAR5-Q6-375-400	R7C108

### FAR5-Q8 400 V / 50 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
412,5	37.5 + (5 x 75)	644	220	110	687	1500 x 1900 x 650	FAR5-Q8-412.5-400	R7C109
450	6 x 75	703	240	120	690	1500 x 1900 x 650	FAR5-Q8-450-400	R7C110
487,5	37.5 + (6 x 75)	761	260	130	700	1500 x 1900 x 650	FAR5-Q8-487.5-400	R7C111
525	7 x 75	820	280	140	740	1500 x 1900 x 650	FAR5-Q8-525-400	R7C112

### FAR5-Q12 400 V / 50 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
562,5	37.5 + (7 x 75)	878	300	150	950	2200 x 1900 x 650	FAR5-Q12-562.5-400	R7C113
600	8 x 75	937	320	160	980	2200 x 1900 x 650	FAR5-Q12-600-400	R7C114
637,5	37.5 + (8 x 75)	996	340	170	1009	2200 x 1900 x 650	FAR5-Q12-637.5-400	R7C115
675	9 x 75	1054	360	180	1036	2200 x 1900 x 650	FAR5-Q12-675-400	R7C116
712,5	37.5 + (9 x 75)	1113	380	190	1073	2200 x 1900 x 650	FAR5-Q12-712.5-400	R7C117
750	10 x 75	1171	400	200	1100	2200 x 1900 x 650	FAR5-Q12-750-400	R7C118

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## References

## FAR6-Q6 480 V / 60 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
105	3 x 35	166	60	30	436	1100 x 1900 x 650	FAR6-Q6-105-480	R7C401
140	4 x 35	221	80	40	460	1100 x 1900 x 650	FAR6-Q6-140-480	R7C402
175	5 x 35	276	100	50	460	1100 x 1900 x 650	FAR6-Q6-175-480	R7C403
210	6 x 35	331	120	60	480	1100 x 1900 x 650	FAR6-Q6-210-480	R7C404
245	35 + (3 x 70)	387	140	70	460	1100 x 1900 x 650	FAR6-Q6-245-480	R7C405
280	4 x 70	442	160	80	486	1100 x 1900 x 650	FAR6-Q6-280-480	R7C406
315	35 + (4 x 70)	497	180	90	523	1100 x 1900 x 650	FAR6-Q6-315-480	R7C407
350	5 x 70	552	200	100	550	1100 x 1900 x 650	FAR6-Q6-350-480	R7C408

## FAR6-Q8 480 V / 60 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
385	35 + (5 x 70)	608	220	110	687	1500 x 1900 x 650	FAR6-Q8-385-480	R7C409
420	6 x 70	663	240	120	690	1500 x 1900 x 650	FAR6-Q8-420-480	R7C410
455	35 + (6 x 70)	718	260	130	700	1500 x 1900 x 650	FAR6-Q8-455-480	R7C411
490	7 x 70	773	280	140	740	1500 x 1900 x 650	FAR6-Q8-490-480	R7C412

## FAR6-Q12 480 V / 60 Hz

kvar	Composition	I (A)	5° (A)	7° (A)	Weight (kg)	Dimensions (mm) width x height x depth	Type	Code
525	35 + (7 x 70)	829	300	150	950	2200 x 1900 x 650	FAR6-Q12-525-480	R7C413
560	8 x 70	884	320	160	980	2200 x 1900 x 650	FAR6-Q12-560-480	R7C414
595	35 + (8 x 70)	939	340	170	1009	2200 x 1900 x 650	FAR6-Q12-595-480	R7C415
630	9 x 70	994	360	180	1036	2200 x 1900 x 650	FAR6-Q12-630-480	R7C416
665	35 + (9 x 70)	1050	380	190	1073	2200 x 1900 x 650	FAR6-Q12-665-480	R7C417
700	10 x 70	1105	400	200	1100	2200 x 1900 x 650	FAR6-Q12-700-480	R7C418