



Power capacitors application solution for induct furnace / switch on and off / welding machine power supply

RAM series , Low/Middle frequency power water cooled heating capacitors

Function and Application:

To be applied for A/c harmonic voltage $\leq 4.0KV$, Frequency $< 10KHz$ induct heat power supply , To provide reactive power capacitive current

The technology unique point:

- The whole film oil-immersed structure NO PCB
- A---Double sides water cooled, No group, Improve the ability of large current
- B---Single side water cooled, Group, Provide testing current unit

Conditions of use/technical parameters./product standards:

The temperature range: $-25^{\circ}C \sim +50^{\circ}C$



Cooling water to pure water, outlet temperature $< 40^{\circ}C$

Rated voltage: $1 \sim 4.0KV$

Rated frequency: $< 10KHz$

Nominal capacity: $1800 \sim 6600Kar$

Maximum current: $\leq 2500A$

IEC60110-1 (1998) Products standards: GB/T3984.1-2004 (Also can be made according to the customers' standards)

Specification:

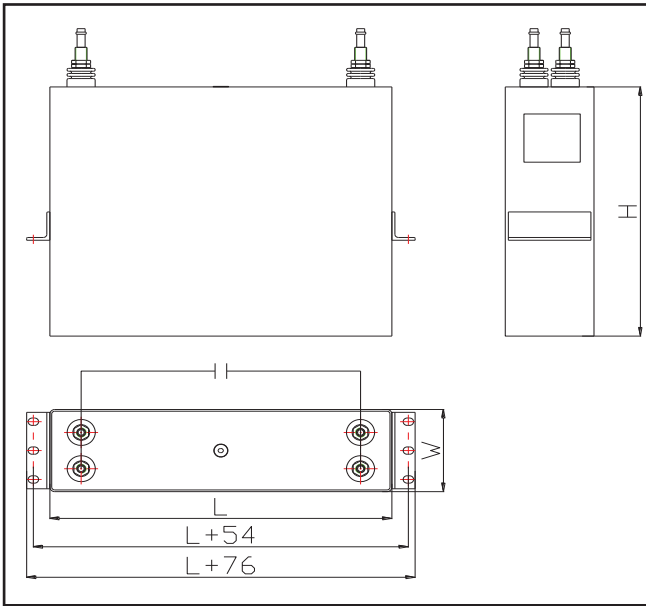
RFM UN — QN — FN										
Type	Rated voltage: UN • KV	Nominal capacity: QN • Kar	Rated frequency FN • KHz	Rated capacitance: CN • uF	Rated current IN • A	L mm	W mm	H mm	Group	Note
RFM2-3200-0.15S/A	UN • KV	QN • Kar	0.15	capacitance	1600	559	285	860	NO	
RFM2-3200-0.15S/B	2	3200	0.15	8*106	8*200	559	285	860	8	
RFM3-4800-0.15S/A	3	4800	0.15	566	1600	559	285	1000	NO	
RFM3-4800-0.15S/B	3	4800	0.15	8*71	8*200	559	285	1000	8	

Type	Rated voltage:U UN • KV	Nominal capacity: QN • Kar	Rated frequency FN • KHz	Rated capacitance: CN • uF	Rated current IN • A	L mm	W mm	H mm	Group	Note
RFM2-4000-0.25S/A	2	4000	0.25	637	2000	559	285	680	No	
RFM2-4000-0.25S/B	2	4000	0.25	8*80	8*250	559	285	680	8	
RFM3-6000-0.25S/A	3	6000	0.25	425	2000	559	285	760	No	
RFM3-6000-0.25S/B	3	6000	0.25	8*53	8*250	559	285	760	8	
RFM2-4000-0.3S/A	2	4000	0.3	531	2000	559	285	570	No	
RFM2-4000-0.3S/B	2	4000	0.3	8*66	8*250	559	285	570	8	
RFM3-6000-0.3S/A	3	6000	0.3	354	2000	559	285	790	No	
RFM3-6000-0.3S/B	3	6000	0.3	8*44	8*250	559	285	790	8	
RFM2-4000-0.5S/A	2	4000	0.5	318	2000	559	285	410	No	
RFM2-4000-0.5S/B	2	4000	0.5	8*40	8*250	559	285	410	8	
RFM3-6000-0.5S/A	3	6000	0.5	212	2000	559	285	500	No	
RFM3-6000-0.5S/B	3	6000	0.5	8*27	8*250	559	285	500	8	
RFM2-4000-0.7S/A	2	4000	0.7	227	2000	559	203	470	No	
RFM2-4000-0.7S/B	2	4000	0.7	8*28	8*250	559	203	470	8	
RFM3-6000-0.7S/A	3	6000	0.7	152	2000	559	203	560	No	
RFM3-6000-0.7S/B	3	6000	0.7	8*19	8*250	559	203	560	8	
RFM2-4000-1S/A	2	4000	1	159	2000	559	203	350	No	
RFM2-4000-1S/B	2	4000	1	8*20	8*250	559	203	350	8	
RFM3-6000-1S/A	3	6000	1	106	2000	559	203	400	No	
RFM3-6000-1S/B	3	6000	1	8*13	8*250	559	203	400	8	
RFM2-4000-1.2S/A	2	4000	1.2	133	2000	559	203	310	No	
RFM2-4000-1.2S/B	2	4000	1.2	8*17	8*250	559	203	310	8	
RFM3-6000-1.2S/A	3	6000	1.2	88	2000	559	203	350	No	
RFM3-6000-1.2S/B	3	6000	1.2	8*11	8*250	559	203	350	8	
RFM2-4000-1.5S/A	2	4000	1.5	106	2000	559	203	270	No	
RFM2-4000-1.5S/B	2	4000	1.5	8*13	8*250	559	203	270	8	
RFM3-6000-1.5S/A	3	6000	1.5	71	2000	559	203	350	No	
RFM3-6000-1.5S/B	3	6000	1.5	8*9	8*250	559	203	350	8	

Type	Rated voltage:U UN • KV	Nominal capacity: QN • Kar	Rated frequency FN • KHz	Rated capacitance: CN • uF	Rated current IN • A	L mm	W mm	H mm	Group	Note
RFM2-4000-2S/A	2	4000	2	80	2000	343	159	420	NO	
RFM2-4000-2S/B	2	4000	2	8*10	8*250	343	159	420	8	
RFM3-6000-2S/A	3	6000	2	53	2000	343	159	530	NO	
RFM3-6000-2S/B	3	6000	2	8*7	8*250	343	159	530	8	
RFM2-4000-2.5S/A	2	4000	2.5	64	2000	343	159	360	NO	
RFM2-4000-2.5S/B	2	4000	2.5	8*8	8*250	343	159	360	8	
RFM3-6000-2.5S/A	3	6000	2.5	42	2000	343	159	450	NO	
RFM3-6000-2.5S/B	3	6000	2.5	8*5	8*250	343	159	450	8	
RFM2-4000-3S/A	2	4000	3	53	2000	343	159	320	NO	
RFM2-4000-3S/B	2	4000	3	8*7	8*250	343	159	320	8	
RFM3-6000-3S/A	3	6000	3	35	2000	343	159	390	NO	
RFM3-6000-3S/B	3	6000	3	8*4	8*250	343	159	390	8	
RFM1.5-3000-5S/A	1.5	3000	5	42	2000	343	145	340	NO	
RFM1.5-3000-5S/B	1.5	3000	5	8*5	8*250	343	145	340	8	
RFM2-4000-5S/A	2	4000	5	32	2000	343	145	400	NO	
RFM2-4000-5S/B	2	4000	5	8*4	8*250	343	145	400	8	
RFM1.5-3000-6S/A	1.5	3000	6	35	2000	343	145	300	NO	
RFM1.5-3000-6S/B	1.5	3000	6	8*4	8*250	343	145	300	8	
RFM2-4000-6S/A	2	4000	6	27	2000	343	145	430	NO	
RFM2-4000-6S/B	2	4000	6	8*3	8*250	343	145	430	8	
RFM1.5-3000-8S/A	1.5	3000	8	27	2000	343	145	230	NO	
RFM1.5-3000-8S/B	1.5	3000	8	8*3	8*250	343	145	230	8	
RFM2-4000-8S/A	2	4000	8	20	2000	343	145	320	NO	
RFM2-4000-8S/B	2	4000	8	8*3	8*250	343	145	320	8	

Product schematic diagram (Three view drawing)

A. Double sides water cooled , no group



B. Single side water cooled, 8 groups

