

**FRJJS 73..-U<sub>n</sub>/C<sub>n</sub>/f<sub>n</sub>**

**Maximum single parameters of product line**

<b>Max output</b>	Q <sub>Nmax</sub>	5 000 kvar
<b>Max voltage</b>	U <sub>Nmax</sub>	2 000 V
<b>Max current</b>	I <sub>Nmax</sub>	5 000 A
<b>Max frequency</b>	f <sub>Nmax</sub>	20 000 Hz
<b>Design</b>	LIVE CASE	



<b>Standards</b>	IEC 60110-1:1998; EN 60110-1:1998
<b>Capacitance tolerance</b>	-5 / +10%
<b>Ambient temperature</b>	1°C ... 50°C
<b>Power losses</b>	< 0,3 W/kvar
<b>Water-cooling</b>	WF
<b>Max. outlet water temperature</b>	35°C
<b>Water flow rate</b>	> 8 l/min
<b>Pressure drop at 8 l/min</b>	< 0,2 bar
<b>Water pressure</b>	6 bar
<b>Over-voltage</b>	1,05 x U <sub>N</sub> ; 12 hours/day
<b>Over-current</b>	1,15 x I <sub>N</sub>
<b>Voltage test between terminals</b>	2,0x U <sub>MAX</sub> AC / 10s or 4,0x U <sub>MAX</sub> DC / 10s
<b>Operation</b>	only at cooled busbar <50°C
<b>Case</b>	brass welded, painted (RAL 7035)
<b>Dielectric system</b>	all-film
<b>Impregnant</b>	Jarylec (non-toxic, non-PCB)
<b>Installation</b>	indoor
<b>Protection degree</b>	IP 00

Type	U <sub>N</sub> / U <sub>MAX</sub> (kV)	C <sub>N</sub> (μF)	f <sub>N</sub> (kHz)	Q <sub>N</sub> (kvar)	I <sub>N</sub> (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 7302-0,52/10x3,9/20	0,52 / 1,5	39	20,0	1 325	2 548	200 x 370 x 200	26
FRJJS 7302-0,8/10x14,5/6	0,8 / 0,9	145	6,0	3 498	4 373	200 x 370 x 200	26
FRJJS 7302-0,8/10x19,7/3,3	0,8 / 0,9	197	3,3	2 614	3 268	200 x 370 x 200	26
FRJJS 7302-1,0/10x3,2/16	1,0 / 1,5	32	16,0	3 215	3 215	200 x 370 x 200	26
FRJJS 7302-1,0/10x5,2/12	1,0 / 1,5	52	12,0	3 920	3 920	200 x 370 x 200	26
FRJJS 7302-1,0/10x6,4/10	1,0 / 1,3	64	10,0	4 021	4 021	200 x 370 x 200	26
FRJJS 7302-1,0/10x8/8	1,0 / 1,2	80	8,0	4 020	4 020	200 x 370 x 200	26
FRJJS 7302-1,0/10x11/6	1,0 / 1,1	110	6,0	4 147	4 147	200 x 370 x 200	26
FRJJS 7302-2,0/10x4,5/4	2,0 / 2,0	45	4,0	4 524	2 260	200 x 370 x 200	26

Type	U <sub>N</sub> / U <sub>MAX</sub> (kV)	C <sub>N</sub> (μF)	f <sub>N</sub> (kHz)	Q <sub>N</sub> (kvar)	I <sub>N</sub> (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 7304-0,8/10x16,5/5	0,8 / 1,4	165	5,0	3 318	4 147	200 x 370 x 400	47
FRJJS 7304-0,8/10x23,5/4	0,8 / 1,2	235	4,0	3 780	4 725	200 x 370 x 400	47
FRJJS 7304-0,8/10x29,6/2	0,8 / 1,1	296	2,0	2 383	2 976	200 x 370 x 400	47
FRJJS 7304-0,8/10x32/3	0,8 / 1,0	320	3,0	3 860	4 825	200 x 370 x 400	47
FRJJS 7304-0,8/10x36/2,5	0,8 / 1,0	360	2,5	3 619	4 524	200 x 370 x 400	47
FRJJS 7304-0,8/10x50/2	0,8 / 0,9	500	2,0	4 021	5 026	200 x 370 x 400	47
FRJJS 7304-0,8/10x68/1,1	0,8 / 0,8	680	1,1	3 008	3 760	200 x 370 x 400	47
FRJJS 7304-1,0/10x16,5/4	1,0 / 1,4	165	4,0	4 147	4 147	200 x 370 x 400	47
FRJJS 7304-1,0/10x20/3	1,0 / 1,3	200	3,0	3 770	3 770	200 x 370 x 400	47
FRJJS 7304-1,0/10x36/2	1,0 / 1,1	360	2,0	4 524	4 524	200 x 370 x 400	47
FRJJS 7304-1,0/10x45/1,5	1,0 / 1,0	450	1,5	4 240	4 240	200 x 370 x 400	47
FRJJS 7304-1,0/10x57,7/1	1,0 / 1,0	577	1,0	3 625	3 625	200 x 370 x 400	47
FRJJS 7304-1,325/10x32/1,4	1,325 / 1,325	320	1,4	4 942	3 730	200 x 370 x 400	47

Other voltage, power and frequency on request.

