

FRJJS 52..-U_n/C_n/f_n

Maximum single parameters of product line

Max output	Q _{Nmax}	8 000 kvar
Max voltage	U _{Nmax}	2 000 V
Max current	I _{Nmax}	4 000 A
Max frequency	f _{Nmax}	8 000 Hz
Design	LIVE/DEAD CASE	

Standards	IEC 60110-1:1998; EN 60110-1:1998
Capacitance tolerance	-5 / +10%
Ambient temperature	1°C ... 50°C
Power losses	< 0,3 W/kvar
Water-cooling	WF
Max. outlet water temperature	40°C
Water flow rate	> 8 l/min
Pressure drop at 8 l/min	< 0,4 bar
Water pressure	6 bar
Over-voltage	1,05 x U _N ; 12 hours/day
Over-current	1,15 x I _N
Voltage test between terminals	2,0x U _N AC / 10s or 4,0x U _N DC / 10s
Case	brass welded, painted (RAL 7035)
Dielectric system	all-film
Impregnant	Jarylec (non-toxic, non-PCB)
Installation	indoor
Protection degree	IP 00

Type	U _N (kV)	C _N (μF)	f _N (kHz)	Q _N (kvar)	I _N (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 5225-0,6/2x48,6/5	0,6	2x 48,6	5,0	1 099	1 832	165 x 370 x 250	25
FRJJS 5225-0,8/2x55/6	0,8	2x 55	6,0	2 654	3 318	165 x 370 x 250	25
FRJJS 5232-0,6/2x132,5/4	0,6	2x 132,5	4,0	2 400	4 000	165 x 370 x 325	28
FRJJS 5232-0,65/2x80/6	0,65	2x 80	6,0	2 550	3 923	165 x 370 x 325	28
FRJJS 5232-0,8/2x45/8	0,8	2x 45	8,0	2 895	3 619	165 x 370 x 325	28
FRJJS 5232-0,8/2x95/4	0,8	2x 95	4,0	3 056	3 820	165 x 370 x 325	28
FRJJS 5232-0,8/2x132,5/3	0,8	2x 132,5	3,0	3 200	4 000	165 x 370 x 325	28
FRJJS 5232-1,0/2x100/2	1,0	2x 100	2,0	2 513	2 513	165 x 370 x 325	28
FRJJS 5232-2,0/2x25/5	2,0	2x 25	5,0	6 280	3 140	165 x 370 x 325	28
FRJJS 5232-2,0/2x30/2	2,0	2x 30	2,0	3 016	1 508	165 x 370 x 325	28

Type	U _N (kV)	C _N (μF)	f _N (kHz)	Q _N (kvar)	I _N (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 5240-0,8/2x120/3	0,8	2x 120	3,0	2 900	3 620	165 x 370 x 400	33
FRJJS 5240-0,8/2x170/2,2	0,8	2x 170	2,2	3 000	3 750	165 x 370 x 400	33
FRJJS 5240-1,0/2x132,5/2,4	1,0	2x 132,5	2,4	4 000	4 000	165 x 370 x 400	33
FRJJS 5240-1,5/2x62,5/3	1,5	2x 62,5	3,0	5 300	3 533	165 x 370 x 400	33
FRJJS 5240-2,0/2x35/4	2,0	2x 35	4,0	7 040	3 520	165 x 370 x 400	33
FRJJS 5250-0,6/2x210/2,5	0,6	2x 210	2,5	2 375	3 958	165 x 370 x 500	44
FRJJS 5250-0,6/2x240/2,2	0,6	2x 240	2,2	2 388	3 980	165 x 370 x 500	44
FRJJS 5250-2,0/2x50/3	2,0	2x 50	3,0	7 540	3 770	165 x 370 x 500	44
FRJJS 5260-0,8/2x265/1,5	0,8	2x 265	1,5	3 200	4 000	165 x 370 x 600	52
FRJJS 5260-0,8/2x348/1,2	0,8	2x 348	1,2	3 360	4 200	165 x 370 x 600	52
FRJJS 5260-0,9/2x285/1,2	0,9	2x 285	1,2	3 481	3 868	165 x 370 x 600	52
FRJJS 5280-1,0/2x318/1	1,0	2x 318	1,0	4 000	4 000	165 x 370 x 800	73

Other voltage, power and frequency on request.
 Dead case type designation FRHJS on request.
 Case and connection dimensions are the same like live case design.

