

FRJJS 303.. - $U_n/C_n/f_n$
FRJJS 306.. - $U_n/C_n/f_n$

Maximum single parameters of product line

Max output	Q_{Nmax}	2 500 kvar
Max voltage	U_{Nmax}	2 000 V
Max current	I_{Nmax}	1 500 A
Max frequency	f_{Nmax}	4 000 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	> 4 l/min
Pressure drop at 4 l/min	< 0,2 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 3030-0,6/128/2,4	0,6	128	2,4	695	1 158	125 x 335 x 250	16
FRJJS 3030-0,8/103,5/2,4	0,8	103,5	2,4	1 000	1 250	125 x 335 x 250	16
FRJJS 3030-1,0/45/4	1,0	45	4,0	1 131	1 131	125 x 335 x 250	16
FRJJS 3030-1,0/60/3,0	1,0	60	3,0	1 131	1 131	125 x 335 x 250	16
FRJJS 3030-1,0/72/2,4	1,0	72	2,4	1 086	1 086	125 x 335 x 250	16
FRJJS 3030-1,2/48/3,3	1,2	48	3,3	1 433	1 194	125 x 335 x 250	16
FRJJS 3030-1,5/36/3,3	1,5	36	3,3	1 680	1 120	125 x 335 x 250	16
FRJJS 3030-2,0/20/4	2,0	20	4,0	2 000	1 006	125 x 335 x 250	16

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 3031-0,6/192/1,5	0,60	192	1,5	652	1 086	125 x 335 x 325	21
FRJJS 3031-0,8/160/1,5	0,80	160	1,5	965	1 206	125 x 335 x 325	21
FRJJS 3031-1,0/90/2,0	1,0	90	2,0	1 131	1 131	125 x 335 x 325	21
FRJJS 3031-1,2/72/2,2	1,2	72	2,2	1 433	1 194	125 x 335 x 325	21
FRJJS 3031-1,5/54/2,2	1,5	54	2,2	1 680	1 120	125 x 335 x 325	21
FRJJS 3031-2,0/28/2,6	2,0	28	3,0	2 111	1 056	125 x 335 x 325	21
FRJJS 3060-0,4/108/4	0,4	108	4,0	434	1 086	125 x 335 x 250	16
FRJJS 3060-1,0/35,7/2,5	1,0	35,7	2,6	561	561	125 x 335 x 250	16
FRJJS 3061-0,5/144/3	0,50	144	3,0	680	1 360	125 x 335 x 325	21
FRJJS 3061-0,38/166,2/2	0,38	166,2	2,0	302	795	125 x 335 x 325	21

Other voltage, power and frequency on request.
 Dead case type designation FRHJS on request.

