

FRJJS 19..-U_n/C_n/f_n



Maximum single parameters of product line

Max output	Q _{Nmax}	5 000 kvar
Max voltage	U _{Nmax}	2 500 V
Max current	I _{Nmax}	3 000 A
Max frequency	f _{Nmax}	200 000 Hz
Design	LIVE CASE	

Standards	IEC 60110-1:1998; EN 60110-1:1998
Capacitance tolerance	-5 / +10%
Ambient temperature	1°C ... 50°C
Power losses	< 0,35 W/kvar
Water-cooling	WF
Max. outlet water temperature	40°C
Water flow rate	> 8 l/min
Pressure drop at 8 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	2,0xU _{MAX} AC / 10s or 4,0xU _{MAX} DC / 10s
Operation	only at cooled busbar <40°C
Case	copper welded, painted (RAL 7035)
Dielectric system	all-film
Impregnant	Jarylec (non-toxic, non-PCB)
Installation	indoor
Protection degree	IP 00

Type	U _N / U _{MAX} (kV)	C _N (μF)	f _N (kHz)	Q _N (kvar)	I _N (A)	Dimensions W x L x H (mm)	Weight (kg)
FRJJS 1901-1,5/1,2/200	1,5 / 2,0	1,20	200	3 393	2 262	110 x 350 x 100	8
FRJJS 1901-1,5/2/150	1,5 / 2,0	2,00	150	4 241	2 827	110 x 350 x 100	8
FRJJS 1901-1,5/3/100	1,5 / 2,0	3,00	100	4 241	2 827	110 x 350 x 100	8
FRJJS 1901-2,0/1,2/120	2,0 / 2,4	1,20	120	3 600	1 508	110 x 350 x 100	8
FRJJS 1901-2,0/2/70	2,0 / 2,4	2,00	70	3 520	1 760	110 x 350 x 100	8
FRJJS 1902-1,0/18/20	1,0 / 1,2	18,0	20	2 260	2 260	110 x 350 x 125	10
FRJJS 1902-2,0/4,5/35	2,0 / 2,2	4,50	35	3 960	1 980	110 x 350 x 125	10
FRJJS 1903-0,8/24/20	0,8 / 1,3	24,0	20	1 930	2 412	110 x 350 x 162	13
FRJJS 1903-2,0/7,5/20	2,0 / 2,4	7,50	20	3 770	1 885	110 x 350 x 162	13
FRJJS 1904-1,8/12/15	1,8 / 2,2	12,0	15	3 664	2 036	110 x 350 x 185	14
FRJJS 1904-2,0/9,95/20	2,0 / 2,4	9,95	20	5 000	2 500	110 x 350 x 185	14
FRJJS 1904-2,0/18/10	2,0 / 2,0	18,0	10	4 525	2 263	110 x 350 x 185	14

Other voltage, power and frequency on request.

