

FRJJS 304..-U_n/C_n/f_n



Maximum single parameters of product line

Max output	Q _{Nmax}	2 000 kvar
Max voltage	U _{Nmax}	2 000 V
Max current	I _{Nmax}	1 000 A
Max frequency	f _{Nmax}	4 000 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	< 0,3 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 3040-0,7/80/2,5	0,7	80	2,5	616	880	125 x 335 x 250	16
FRJJS 3040-0,8/60/3	0,8	60	3,0	724	905	125 x 335 x 250	16
FRJJS 3040-0,8/80/1	0,8	80	1,0	322	402	125 x 335 x 250	16
FRJJS 3040-1,0/56/2,5	1,0	56	2,5	880	880	125 x 335 x 250	16
FRJJS 3040-1,5/40/2,5	1,5	40	2,5	1 414	942	125 x 335 x 250	16
FRJJS 3040-1,8/28/2,5	1,8	28	2,5	1 425	792	125 x 335 x 250	16
FRJJS 3040-2,0/21/3	2,0	21	3,0	1 583	792	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 3041-0,8/128/1,5	0,8	128	1,5	772	965	125 x 335 x 325	21
FRJJS 3041-0,8/160/1,1	0,8	160	1,1	708	885	125 x 335 x 325	21
FRJJS 3041-0,9/128/1,3	0,9	128	1,3	847	941	125 x 335 x 325	21
FRJJS 3041-1,0/60/2,4	1,0	60	2,4	905	905	125 x 335 x 325	21
FRJJS 3041-1,0/105/1,5	1,0	105	1,5	990	990	125 x 335 x 325	21
FRJJS 3041-1,2/80/1,5	1,2	80	1,5	1 086	905	125 x 335 x 325	21
FRJJS 3041-1,3/60/2	1,3	60	2,0	1 274	980	125 x 335 x 325	21
FRJJS 3041-1,8/42/2	1,8	42	2,0	1 710	950	125 x 335 x 325	21
FRJJS 3041-2,0/28/2,5	2,0	28	2,5	1 760	880	125 x 335 x 325	21

Other voltage, power and frequency on request.

